

### STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department, Room No. 217, 2nd floor, Mantralaya, Annexe, Mumbai- 400 032. Date:November 10, 2020

To. Mr. Lalit R. Patil at Gat No. 434/2 Part

Environment Clearance for Proposed Basalt Stone Quarry (Minor Mineral Project) of M/s Patil & Patil Sons at **Subject:** Gat No. 434/2 Part, Pen Gramin Village, Pen, Raigad District, Maharashtra. (Total Plot Area: 4.0 Ha)

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 186th -Day-1th 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 208th meetings.

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

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

1.Name of Project	M/s Patil & Patil Sons
2.Type of institution	Private
3.Name of Project Proponent	Mr. Lalit R. Patil
4.Name of Consultant	Enviro Resources
5.Type of project	Project is falling under jurisdiction of Pen Grampanchayat
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	NA Ernment of
8.Location of the project	Gat No. 434/2 Part
9.Taluka	Pen
10.Village	Pen Gramin
Correspondence Name:	Mr. Lalit R. Patil
Room Number:	House No. 7/130
Floor:	NA
<b>Building Name:</b>	Vaikunth Niwas, Shishak Society
Road/Street Name:	NA
Locality:	NA
City:	Pen Raigad
11.Whether in Corporation / Municipal / other area	Other Area (Project land is falling under jurisdiction of Grampanchayat)

	Since it is Basalt Stone Mining Project, Mining Plan has been approved by DGM, Kolhapur as per provision of Maharashtra Minor Mineral Extraction Rules, 2013					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval No MIN-Adm/503/III/2018/1108 dated 09th October 2018					
	Approved Built-up Area:					
13.Note on the initiated work (If applicable)	Not applicable					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NOC from Grampanchayat is received on 14.08.2017					
15.Total Plot Area (sq. m.)	40000 Sq.m. (4.00 Ha)					
16.Deductions	0					
17.Net Plot area	40000 Sq.m. (4.00 Ha)					
	FSI area (sq. m.): Not applicable					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	Non FSI area (sq. m.): Not applicable					
	Total BUA area (sq. m.):					
	Approved FSI area (sq. m.): Not applicable					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): Not applicable					
3	<b>Date of Approval:</b> 10-04-2019					
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	5500000					

22.Production Details									
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1		one (Stone etal)	(	)	10800	10800			
	23.Total Water Requirement								
		Source of	water	Water Tank	ers				
		Fresh water	er (CMD):	5.2					
		Recycled w Flushing (		Not applica	ble				
		Recycled v Gardening		Not applica	ble				
		Swimming make up (		Not applica	ble	7			
Dry season	•	Total Wate Requirement:		5.2					
			Fire fighting - Underground water tank(CMD):		Not applicable				
		Fire fighting - Overhead water tank(CMD):		Not applicable					
		Excess trea	ated water	Not applicable					
	Source of water		Not applicable						
		Fresh water (CMD):		Not applicable					
		Recycled water - Flushing (CMD):		Not applicable					
		Recycled water - Gardening (CMD):		Not applicable					
		Swimming make up (		Not applicable					
Wet seasor	1:	Total Wate Requirement	ent (CMD)	Not applicable					
		Fire fighting Undergrow tank(CMD	ınd water	Not applicable					
		Fire fighting Overhead tank(CMD	water	Not applicable					
		Excess trea	ated water	Not applica	ble				
Details of S pool (If any		Not applica	ble						

		24	Detail	s of Total	l water co	nsume	d				
Particula rs	Cons	sumption (CM			Loss (CMD)			Effluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	0	0.5	0.5	0 0.1 0.1 0 0.4 0.							
Gardening	0	3.6	3.6	0	3.6	3.6	0	0	0		
Industrial Process	0	1.1	1.1	0	1.1	1.1	0	0	0		
25.Rain V Harvestii (RWH)		Level of the (water table: Size and no of tank(s) and Quantity: Location of tank(s): Quantity of rpits: Size of rechas: Budgetary al (Capital cost Budgetary al (O & M cost) Details of UC if any:	he RWH echarge rge pits location :	Not Application	ble ble ble ble ble	Sadara Par					
26.Storm water drainage pattern:  Quantity of storm water:				The slope of the area is from North-East to South-West within the Project Site. The run-off will be maintained by providing garland drains around the quarry boundary to maintain the natural pattern.  Around 25 m3/hr of storm water will be generated within the lease area							
		Size of SWD:	10	The runoff will be connected to garland drain							
			/ G								
		Sewage gene in KLD:	ration	0.4							
		STP technolo	gy:	Not Applicable; Septic Tank Followed by Soak pits will be provided							
27.Sewa	nge and	Capacity of S (CMD):	TP	Not Applicable							
Waste w	0	Location & at	rea of	Not Applical	Not Applicable						
		Budgetary al (Capital cost		0.55 Lacs							
			location	0.34 Lacs							

	28.Solid waste Management				
Waste generation in	Waste generation:	Not Applicable			
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Not Applicable			
	Dry waste:	Not Applicable			
	Wet waste:	Not Applicable			
	Hazardous waste:	Not Applicable			
Waste generation in the operation	Biomedical waste (If applicable):	Not Applicable			
Phase:	STP Sludge (Dry sludge):	Not Applicable			
	Others if any:	Total overburden of 214922 tons will be genrated during proposed quarry operation of 5 years			
	Dry waste:	Not Applicable			
	Wet waste:	Not Applicable			
	Hazardous waste:	Not Applicable			
Mode of Disposal of waste:	Biomedical waste (If applicable):	Not Applicable			
of waste:	STP Sludge (Dry sludge):	Not Applicable			
	Others if any:	Overburden from mining Operation will be utilize for development and maintenance of internal roads, greenbelts and for filling of empty pits during course of mine closure			
	Location(s):	Overburden will be stored along the lease boundry, close to green belt area			
Area requirement:	Area for the storage of waste & other material:	Not Applicable			
	Area for machinery:	Not Applicable			
Budgetary allocation	Capital cost:	Not Applicable			
(Capital cost and O&M cost):	O & M cost:	Not Applicable			

	29.Effluent Charecterestics							
Serial Number	Parameters	Unit	Unit Inlet Effluent Outlet Effluent Charecterestics Charecterestics Effluent standar					
1	Not Applicable	Not Applicable	I Not Applicable I Not Applicable I Not App		Not Applicable			
Amount of e	effluent generation	Not Applicable						
Capacity of	the ETP:	Not Applicable						
Amount of trecycled:	Amount of treated effluent recycled:		Not Applicable					
Amount of v	water send to the CETP:	Not Applicable						
Membership of CETP (if require):		Not Applicable						
Note on ET	P technology to be used	Not Applicable						
Disposal of	the ETP sludge	Not Applica	ble a disconnection	Y SM				



Serial Number   Not Applicable   Not Applicable   Appli				30.Ha	zardous	Was	te D	etails			
Not Applicable		Descr	ription	Cat	UOM	Exis	ting	Proposed	Total	Method of Disposa	
Section & units   Fuel Used with Quantity   Stack No.   Information of Exhaust Gases   Total	1	Not Ap	plicable			ble Not Applicable					
Section & units   Fuel Used with Quantity   Stack No.   from ground lawel (m)   Temp. of Exhaust Gases				31.St	acks em	issio	n Do	etails			
Not Applicable   Not Applicable   Applicable   Applicable   Applicable   Applicable   Applicable   Applicable   Applicable		Section	& units	l l		Stack	No.	from ground	diamet	Temp. of Exhaust	
Type of Fuel   Proposed   Total	1	Not Ap	plicable	Not Ap	plicable					ble Not Applicable	
Number   Type of Fuel   Existing   Proposed   Total				32.De	tails of I	uel	o b	used			
33. Source of Fuel  34. Mode of Transportation of fuel to site  35. Energy  Source of power supply:  During Construction Phase: (Demand Load)  DG set as Power back-up during construction phase (Connected load):  During Operation phase (Demand load):  Transformer:  Not Applicable  During Operation phase (Demand load):  Transformer:  Not Applicable  DG set as Power back-up during construction phase (Demand load):  Transformer:  Not Applicable  DG set as Power back-up during operation phase:  Fuel used:  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Set as Power back-up during operation phase:  Fuel used:  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Set as Power back-up during operation phase:  Fuel used:  Not Applicable  Not Applicable  Not Applicable  Set as Power back-up during operation phase:  Fuel used:  Not Applicable  Not Applicable  Set as Power back-up during operation phase:  Fuel used:  Not Applicable  Set as Power back-up during operation phase:  Fuel used:  Not Applicable  Set as Power back-up during operation phase:  Fuel used:  Set as Power back-up during operation phase:  Fuel used:  Set as Power back-up during operation phase:  Set		Туг	e of Fuel	43	Existing	Tèf	5077	Proposed	7	Total	
35.Energy  Source of power supply:  During Construction phase (Connected load):  During Operation phase (Demand load):  Transformer:  During Operation phase (Demand load):  Transformer:  Does et as Power back-up during constructed phase (Connected load):  During Operation phase (Demand load):  Transformer:  Not Applicable  DG set as Power back-up during operation phase (Demand load):  Transformer:  Not Applicable  DG set as Power back-up during operation phase (Demand load):  Transformer:  Not Applicable  DG set as Power back-up during operation phase:  Fuel used:  Details of high tension line passing through the plot if any:  Energy saving by non-conventional method:  Not Applicable  Energy Conservation Measures  Saving %	1		Diesel	I V	lot Applicabl	e	9+	10 liter/day	ク	10 liter/day	
Power requirement:  Power requirement:  During Construction Phase: (Demand Load)  DG set as Power back-up during construction phase (Connected load):  During Operation phase (During Operation phase (Demand load):  Transformer:  DG set as Power back-up during operation phase (Demand load):  Transformer:  Not Applicable  DG set as Power back-up during operation phase (Demand load):  Transformer:  Not Applicable  Serial Number  Energy saving by non-conventional method:  Energy Conservation Measures  Saving %			40	///		6		199	74		
Power requirement:  Posset as Power back-up during construction phase (Connected load):  During Operation phase (Connected load):  During Operation phase (Connected load):  Transformer:  Dog set as Power back-up during construction phase (Connected load):  During Operation phase (Connected load):  Transformer:  Not Applicable  DG set as Power back-up during operation phase:  Fuel used:  DG set as Power back-up during operation phase:  Fuel used:  Not Applicable  Details of high tension line passing tension line passing trough the plot if any:  Energy saving by non-conventional method:  Not Applicable  36.Detail calculations & % of saving:  Serial Number  Energy Conservation Measures  Saving %	34.Mode of	Transportat	ion of fuel to	site Fuel	storage cans	throug	jh veh	nicle			
Power requirement:  Posset as Power back-up during construction phase (Connected load):  During Operation phase (Connected load):  During Operation phase (Connected load):  Transformer:  Dog set as Power back-up during construction phase (Connected load):  During Operation phase (Connected load):  Transformer:  Not Applicable  DG set as Power back-up during operation phase:  Fuel used:  DG set as Power back-up during operation phase:  Fuel used:  Not Applicable  Details of high tension line passing tension line passing trough the plot if any:  Energy saving by non-conventional method:  Not Applicable  36.Detail calculations & % of saving:  Serial Number  Energy Conservation Measures  Saving %			5	PT	0.8	20	A (	) =	H	,	
Power requirement:  During Operation phase (Connected load):  During Operation phase (Connected load):  During Operation phase (Demand load):  During Operation phase (Demand load):  Transformer:  Not Applicable  DG set as Power back-up during operation phase:  Fuel used:  Details of high tension line passing through the plot if any:  Energy saving by non-conventional method:  Not Applicable  36.Detail calculations & % of saving:  Serial Number  Energy Conservation Measures  Saving %			$\mathcal{D}$	1	35.Eı	nerg	Jy	<u> </u>		>	
Phase: (Demand Load)  DG set as Power back-up during construction phase (Connected load):  During Operation phase (Demand load):  Transformer: Not Applicable  DG set as Power back-up during operation phase (Demand load):  Transformer: Not Applicable  DG set as Power back-up during operation phase:  Fuel used: Not Applicable  Details of high tension line passing through the plot if any:  Energy saving by non-conventional method:  Not Applicable  Serial Number  Phase: (Demand load):  Not Applicable  Not Applicable  Not Applicable  Serial Number  Serial Seria				power	Not Applica	able		た	放		
Power requirement:  Power requirement:    During Operation phase (Connected load):   During Operation phase (Demand load):   Transformer:			Phase: (De								
Power requirement:    Power requirement:   During Operation phase (Demand load):   Not Applicable		back-up during		uring	Mot Applicable						
requirement:    During Operation phase (Demand load):	Doc		phase (Co		Not Applicable						
DG set as Power back-up during operation phase:  Fuel used:  Details of high tension line passing through the plot if any:  Not Applicable  Energy saving by non-conventional method:  Not Applicable  36.Detail calculations & % of saving:  Serial Number  Energy Conservation Measures  Saving %	_	_	phase (De							f	
back-up during operation phase:   Not Applicable			Transform	er:	Not Applica	able	I	<i>,</i>	- U		
Details of high tension line passing through the plot if any:  Not Applicable  The regy saving by non-conventional method:  Serial Number  Energy Conservation Measures  Saving %			back-up di	uring	Not Applicable						
tension line passing through the plot if any:  Not Applicable  Energy saving by non-conventional method:  Serial Number  Energy Conservation Measures  Not Applicable  Saving %			Fuel used:		Not Applica	able	9				
Not Applicable  36.Detail calculations & % of saving:  Serial Number Energy Conservation Measures Saving %		tension line passing through the plot if			Not Applicable						
36.Detail calculations & % of saving:  Serial Number Energy Conservation Measures Saving %			Ener	gy saving	by non-	conv	ent	ional me	thod:		
Serial Number Energy Conservation Measures Saving %	Not Applica	ble									
Number Energy Conservation Measures Saving %			3	6.Detail	calculati	ons	& %	of savin	g:		
1 Not Applicable Not Applicable		Energy Conservation Measures						Savi	ing %		
	1		Not	Applicable					Not Ap	plicable	

SEIAA Meeting No: 208 Meeting Date: September 14, 2020 ( SEIAA-STATEMENT-0000003317 ) SEIAA-MINUTES-0000003360 SEIAA-EC-0000002337 Manisha Patankar Mhaisk

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Manisha Patankar Mhaiskar (Member Secretary SEIAA)

		37	.Details of pollut	ion c	ontrol Syste	ms	
Source	Ex	isting pollu	tion control system		Pro	posed to be installed	
Dust generation due to internal vehicular Movement		Not	Applicable		Sprinkling of w	vater will be done to to avoid dust nuisance	
PM generation due to drilling and blasting operation	Not Applicable				Sprinkling of w	vater will be done to to avoid dust nuisance	
Emissions from Vehicles		Not	Applicable	र्धि	PUC cer	tified vehicles will be used	
Noise generation		Not	Applicable	30		wided for workers, maintenance of be done to avoid higher noise level	
Water/ soil pollution due to direct discharge of sewage water on land	Not Applicable Septic tank followed by soak pits will be provided					owed by soak pits will be provided	
Budgetary		Capital co	st: Not Applica	able	3 6	9	
(Capital O&M		cost and cost:  O & M cost:  Not Applicable					
38	.Envir	onment	tal Manageme	nt j	olan Budg	etary Allocation	
		a)	Construction pha	ise (v	with Break-u	p):	
Serial Number	Attril	butes	Parameter	1	Total Cost per annum (Rs. In Lacs)		
1	Not Ap	plicable	Not Applicable		N	lot Applicable	
		b	) Operation Phas	e (wi	th Break-up	):	
Serial Number	Comp	onent	Description	Сар	ital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)	
1	Air Envi	Dust suppression system, Water Sprinklers, Provision of Tarpaulin, PUC for vehicles		a	0.00	2.94	
2	Water En	vironment	on-site temporary sanitation facilities & septic tank followed by soak pit		0.55	0.34	
3	Noise Env	vironment	Maintenance of Vehicle and machineries		0.00	0.25	

4	Soil Environment	Construction and & Maintenance of Garland to avoid soil erosion during monsoon period	0.30	0.10
5	Environment Monitoring & Management	Monitoring of AAQ & Ground Water	MoEF or NABL Accredited Laboratory	0.50
6	Occupational Health & Safety	Provision of new PPEs for workers, Safety training for workers, Periodic Medical Checkup, First Aid	0.47	0.29
7	Green Belt	Green Belt development and its maintenance	0.37	0.85
8	Roads	Development & Maintenance of Access Road	2.04	0.90
9	Mine Closure	Implementation of Mine closure plan	2.00	0.00

### 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	Consumptio n / Month in MT	Source of Supply	Means of transportati on
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not ApplicablNot Applicablee	Not Applicable	Not Applicable	Not Applicable
40.Any Other Information							

No Information Available

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

3. The proposal has been considered by SEIAA in its 208th 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:**

Specific Conditions:	
I	PP to submit to the SEIAA, layout of total land owned by them showing proposed quarry area, dump area, internal roads, safety zone, approach road etc.
п	PP to get proposed mine area and 7.5 meter wide safety zone demarcated in presence of DMO before taking any effective steps on site.
Ш	PP to develop green belt by planting 885 nos. of indigenous trees in 7.5 meter wide safety zone on the periphery of the proposed area with facility of drip irrigation and 1806 nos. of indigenous trees along the approach road before taking any effective steps on site.
IV	PP to provide dry compound wall of around one meter along with barbed wire fencing to the mining lease area to ensure safety of animals and humans.
v	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.
VI	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. PP to plant trees along the road.
VII	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.
VIII	PP to provide First Aid facility at the proposed mining site.
IX	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.
X	PP to implement mine closure plan as approved by the competent Authority.
XI	PP along with revenue and forest department shall conduct a joint tree survey and if any trees needs to be cut PP shall ensure permission for removal of the trees from the Competent Authority of Forest/Revenue Department and ensure compensatory afforestation and transplantation.
XII	The mining lease holder shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
XIII	PP to obtain all necessary NOC's/Permissions from the Competent Authority before commencing any work on proposed site.
XIV	PP to ensure that no mining shall be done below the depth as approved in the mining plan.

XV	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.
XVI	PP to ensure no water stream is diverted due to proposed quarrying activity.
XVII	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.
XVIII	PP to provide adequate channels to guide the rain water to reach the mined pit and to avoid any unforeseen incident.
XIX	PP to adhere to the provisions stipulated in 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.
XX	PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector and District Mining Officer shall strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter.
XXI	PP to ensure that there is no damage to any fauna and its nesting close to the proposed mining area.
XXII	PP to ensure that, the overburden be stored on site and shall be used for refilling of mine pit.
XXIII	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.
XXIV	PP to ensure that public roads shall not be sued for parking. Parking shall be on pre decided place only.
XXV	The transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
XXVI	PP to provide solar energy, Gents/Ladies sanitation facility, safe drinking water facility in the Z.P. School in village Pen from their CER funds of Rs. 5 Lakhs in consultation with the District Authority.
XXVII	The District Collector shall ensure proper approach road to the proposed quarry area before granting final mining lease.
XXVIII	The District Collector shall ensure that, the proposed quarry area doesn't falls in the Eco Sensitive area notified by the Government before granting final mining lease.
XXIX	If the proposed stone quarry mining site is situated within distance of 10 KMs from the Notified Wild Life Sanctuary, then, The District Collector shall ensure that, final mining lease to the PP is issued only after clearance from concern Competent Authority of Forest Department (Wild Life) for cutting of tress and nonforest use of the land.
XXX	PP to ensure additional air quality monitoring station around the periphery of village.
XXXI	No hill cutting should be allowed during the quarrying.
XXXII	Blasting, crushing and transportation of crushed material should be carried out under covered conditions to avoid any kind of dust pollution.
XXXIII	PP shall employ dust suppression measures by use of water sprinklers, foggers etc.
XXXIV	The PP shall undertake 2 rows of tree plantation along the lease boundary. Dust absorbing trees shall be planted.
XXXV	PP to ensure that, as submitted in detail in SEIAA meeting, all mitigation and monitoring measures to be followed especially around the vicinity of nearest Village/ human settlement.

**General Conditions:** 

### Maharashtra

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 naterial 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, Goggers 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 quarry instead of 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 quarry shall be allowed within safe distance from any habitation or human activity. 13. 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. 14. It shall be ensured that there is no fauna dependent on the areas close to mining for its nesting. 15. To prevent dust / particulate matter pollution, the lease, holder shall take up tree plantation in an are
separately on merit.  Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so
that natural drainage system of the area is protected and improved.  Green Belt Development shall be carried out considering CPCB guidelines including selection of plant
species and in consultation with the local DFO/ Agriculture Dept.  Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by
leaching of heavy metals and other toxic contaminants.  Construction spoils, including bituminous material and other hazardous materials must not be allowed to
contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.

II

III

IV

 $\mathbf{V}$ 

VI

VII

VIII

IX

X	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.
XI	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
XII	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
XIII	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
XIV	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO2, NOx (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
xv	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
XVI	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

- 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, 1stFloor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Malar

Manisha Patankar Mhaiskar (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. REGIONAL OFFICE MPCB RAIGAD
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