168th Meeting of State Level Expert Appraisal Committee – 1 (SEAC – 1) (Day – 3)

SEAC Meeting number: 168 **Meeting Date** August 28, 2019

Subject: Environment Clearance for Expansion of synthetic organic chemical intermediates manufacturing unit of M/s Kalpsutra Chemicals Pvt. Ltd.

Is a Violation Case: No

1.Name of Project	M/s Kalpsutra Chemicals Pvt. Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Niranjan Sachade
4.Name of Consultant	M/s Sadekar Enviro Engineers Pvt. Ltd.
5.Type of project	Industrial Expansion Project; category: B-1, Schedule: 5(f) as per EIA Notification, 2006
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC Letter vide No. SEAC-2015/CR-169/TC-2 dated 28th Jan'16 for product quantity 510 tons/month
8.Location of the project	Plot – M-12, MIDC Additional Zone
9.Taluka	Ambarnath
10.Village	Ambarnath
Correspondence Name:	Mr. Niranjan Sachade
Room Number:	Plot No. – M-12, MIDC Additional Zone
Floor:	--
Building Name:	--
Road/Street Name:	--
Locality:	Additional Ambarnath MIDC
City:	Ambarnath
11.Whether in Corporation / Municipal / other area	Maharashtra Industrial Corporation Development
12.IOD/IOA/Concession/Plan Approval Number	Comes under Judiciary of MIDC; Approval No. EE/AMB/M-12/C-70180/of 2018 dated 09 Aug'18
	IOD/IOA/Concession/Plan Approval Number: EE/AMB/M-12/C-70180/of 2018
	Approved Built-up Area: 7526.74
13.Note on the initiated work (If applicable)	Construction has been completed as per previous EC received vide no. SEAC-2015/CR-169/TC-2 dated 28th Jan'16.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	11,000 m2
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.): 7526.74
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: 09-08-2018
19.Total ground coverage (m2)	4326.01
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	39.33
21.Estimated cost of the project	640000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable

23.Number of tenants and shops	Not applicable
24.Number of expected residents / users	Not applicable
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	6 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	Construction has been done as per previous EC received vide no. SEAC – 2015/CR-169/TC-2 dated – 28 January, 2018
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Isobornyl Cyclohexanol	300	--	300
2	Isocamphyl Cyclohexanol	100	150	250
3	Sandalum	5	--	5
4	Kalpantal	5	--	5
5	Citronellal	25	--	25
6	Citronellol	50	--	50
7	Para tert. Butyl Cyclohexanol	25	--	25
8	Isobornyl Acetate	--	300	300
9	Dipentene	--	330	330
10	Phenol Terpene resin	--	200	200
11	Isobornyl Acrylate	--	100	100
12	Isobornyl Methacrylate	--	100	100
13	By-Products	--	--	--
14	Methanol	52	--	52
15	Mixed fractions	284	231	515

32.Total Water Requirement

Dry season:	**Source of water**	MIDC water supply
	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
Wet season:	**Source of water**	MIDC water supply
	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)	NA	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	2	0.5	2.50	0.5	0	0.5	1.5	0.5	2
Industrial Process	0	0.48	0.48	0	0	0	0	0.5	0.5
Cooling tower & thermopack	2	41.3	43.3	0.1	34.6	34.7	0	8.6	8.6

Gardening	2	16	18	2	16	18	0	0	0
Fresh water requirement	6	58.28	64.28	2.6	50.6	53.2	1.5	8.6	11.1

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Pre-monsoon: 5-8 m bgl,Post-monsoon: 1-3 m bgl
	Size and no of RWH tank(s) and Quantity:	Size: 4 x 2 x 2.5, Quantity: 20 m3
	Location of the RWH tank(s):	Near Under-Ground Fire hydrant tank
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 2 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 0.25 Lakhs/yr
	Details of UGT tanks if any :	Fire hydrant water Tank: 190 m3 Rainwater harvesting Tank: 20 m3
35.Storm water drainage	**Natural water drainage pattern:**	Slope = 0.03, towards plot boundary from East to West towards approach road
	Quantity of storm water:	1237.5 m3/hr.
	Size of SWD:	Size: Width = 0.5 m, Depth: 0.5 m; MIDC drainage dimension: 0.9 m diameter hume pipe.
Sewage and Waste water	**Sewage generation in KLD:**	2.0 m3/day
	STP technology:	Conventional STP with primary, secondary and tertiary treatment
	Capacity of STP (CMD):	6 m3/day x 1 no
	Location & area of the STP:	Center of Plot
	Budgetary allocation (Capital cost):	Rs. 8.5 Lakhs
	Budgetary allocation (O & M cost):	Rs. 0.7 Lakhs/yr

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	NA
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	**Dry waste:**	Office Waste (Cardboard, Paper waste): 100 kg/A.
	Wet waste:	NA
	Hazardous waste:	Evaporator Residue - Cat. 37.1 (100 kg/day); Spent Catalyst - Cat. 28.2 (700 kg/month); Process Residue and waste - Cat. 28.1 (25 kg/year); Discarded Containers and barrels/liners - Cat. 33.1 (150 Nos./M); Paper bags - Cat. 33.1 (1000 Nos./M)
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	0.3 kg/day
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	Authorized party
	Wet waste:	NA
	Hazardous waste:	Evaporator Residue - CHWTSDF, Spent Catalyst - Regenerated and reused or sold to authorized recyclers; Process Residue and waste - Reuse within process, Discarded Containers and barrels/liners - Authorized re conditioners or recyclers; Paper bags - Sold to authorized recyclers.
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure for gardening
	Others if any:	Office Waste (Cardboard, Paper waste): Sold to authorized recyclers
Area requirement:	**Location(s):**	NA
	Area for the storage of waste & other material:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	--	6.32	7.09	5.5.-9
2	TSS	mg/l	96	33	100
3	TDS	mg/l	860	198	2100
4	COD	mg/l	416	48	250
5	BOD (3 days at 27oC)	mg/l	129	14	100
6	O&G	mg/l	3.0	0.2	10

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	Manufacturing process involve negligible intake of water, effluent generated will be passed through SEE (3 m3/day). Cooling tower blow down will be treated into RO (10 m3/day). SEE condensate and RO permeate will be recirculate into cooling tower.
Disposal of the ETP sludge	NA

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Evaporator Residue	37.3	Kg/day	--	100	100	Will be sent to CHWTSDF
2	Spent Catalyst	28.2	Kg/month	--	700	700	Regenerated and reused / sold to authorized recyclers.

3	Process Residue and waste	28.1	Kg/yr	--	25	25	Reuse within process
4	Discarded Containers and barrels/lliners	33.1	Nos./M	150	00	150	Authorized reconditioner/ recycler
5	Paper bags	33.1	Nos./M	00	1000	1000	Sold to authorized recyclers.

39.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	Thermic Heater	Coal (15 TPD) & FO (2 TPD)	1	30	0.8	137
2	DG	HSD (200 L/Hr)	1	5	0.3	148

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal (TPD)	5	10	15
2	FO (TPD)	1.5	0.5	2
3	HSD (LPH)	150	50	200
41.Source of Fuel		Local Purchase		
42.Mode of Transportation of fuel to site		By Road		

43.Green Belt Development	**Total RG area :**	3,500 m2
	No of trees to be cut :	0
	Number of trees to be planted :	0
	List of proposed native trees :	0
	Timeline for completion of plantation :	Plantation will be completed within 6 months

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	NA	NA	NA	NA
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	600 kW (Total plant)
	During Operation phase (Demand load):	430 kVA (Total plant)
	Transformer:	630 kVA
	DG set as Power back-up during operation phase:	320 kVA x 01 no.
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

NA

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar streetlights are installed, Solar lighting is used for illuminating office buildings, common area, parking etc.	0.1 %

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Domestic waste water	6 CMD STP for domestic waste water treatment	--
DG Set	Stack (320 kVA x 01) ht – 5 m above ground	--
Thermopack (Coal + F.O. fired)	Common stack having 30 m height & bag filter	--
Noise	Ear muffs, ear plugs & DG acoustic enclosure	--
Industrial waste water	--	SEE (3 CMD) & RO (10 CMD)

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

51.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	Installation of Bag filter, Annual maintenance work, DG stack of 5 m height above roof.	3.00	0.25
2	Water	Installation of SEE & R.O & Maintenance of Existing STP .	17.00	2.00
3	Environment Monitoring and Management	Installation of air emission monitoring system, Periodic Monitoring of environmental parameters etc.	11.5	2.00
4	Noise	Installation of anti-vibration pads, Acoustic enclosures for DG set, Ear Muffs & Ear Plugs.	2.50	0.25
5	Occupational Health	PPE?s such as Glares, Breathing Masks, Gloves, Boots, Helmets, Ear Plugs etc. & annual health-medical checkup of workers, First aid Kit.	0.20	0.25
6	Green Belt development	Green Belt development & Maintenance	2.0	2.0
7	Disaster Management Plan	Fire Hydrant Points, Lightning Arrestor, Sprinklers, Alarm System.	60.0	1.00
8	Solid Waste Management	Purchase of additional containers/bags for storage of solid waste, concrete paving of Hazardous Waste Storage area and CHWTSDF Cost etc.	2.0	0.1
9	Energy Conservation	Installation of solar streetlights, illumination of common, parking areas etc.	1.25	0
10	Rain Water Harvesting	For Rainwater collection network & 20 KL RCC water tank for storage of harvested rain water & annual cleaning and maintenance of RWH tank	2.0	0.25

11	Carbon foot print monitoring	Monitoring of Global Warming Potential, Ozone Layer Depletion Potential using Life Cycle Assessment Tool.	0.0	2.5
12	Water Footprint Monitoring	Water consumption, Water recycled/reused quantity to be monitored using flow meter and footprints will be analyzed.	0.0	2.0

51.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
Alpha Pinene	Liquid	ISO Tank	450 KL	450 KL	1170 KL	Imported	By sea & road
Guaiacol	Liquid	Tank	100 KL	100 KL	210 KL	Local	By road
Phenol	Solid at RT	Tank	100 KL	100 KL	278 KL	Local	By road
Hydrogen	Gas	Cylinders mounted on trolleys	0.4 Nm3	0.4 Nm3	36 Nm3	Local	By road
Raney Nickel Catalyst	Solid	HDPE drums	0.15 MT	0.15 MT	0.050 MT	Local	By road
Clay Catalyst	Solid	Bags	4 MT	4 MT	0.4 MT	Local	By road
Citral	Liquid	Drums / Tanks	22 KL	20 Kl	70 KL	Imported	By sea & road
Para tert. Butyl phenol	Solid	Bags	25 MT	20 MT	24 MT	Imported	By sea & road
Acetic acid	Liquid	Tank	30 KL	30 KL	110 KL	Local	By road
Acrylic acid	Liquid	Drums / Tanks	20 KL	20 KL	45 KL	Imported	By sea & road
Methacrylic acid	Liquid	Drums / tanks	20 KL	20 KL	50 KL	Imported	By sea & road
Titanium Oxide	Solid	Bags	5 MT	5 MT	4 MT	Local	By road
Caustic Soda	Solid	Bags	1 MT	1 MT	4 MT	Local	By road
Hydrochloric acid (32%)	Liquid	Drums	3 KL	3 KL	10 KL	Local	By road
Camphene	Liquid	Tank	100 KL	100 KL	772.6 KL	In-house	--

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NA

Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	1187 m2
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	5(f) B-1
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable

Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 5(f)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF& CC published in April, 2015.

As the industry is located in the notified industrial area/estate (MIDC), Public Hearing is exempted under the provisions as per para 7 III Stage (3) (b) of the EIA Notification, 2006 .

PP to collect base line data as per Office Memorandum issued by MoEF&CC dated 27.08.2017.

The validity of the TOR will be for three years as per OM issued by MoEF and CC on 29.08.2017.

PP to submit Form - 2 along with EIA/EMP report as per OM issued by MoEF&CC on 20.04.2018.

PP to submit their plan to utilize CER (Corporate Environment Responsibility) along with timelines as per OM issued by MoEF&CC dated 01.05.2018.

PP has obtained earlier EC vide No. SEAC-2015/CR-169/TC-2 dated 28.01.2016; PP to submit certified copy of compliance of earlier EC from Regional Office of MoEF&CC, Nagpur as per OM issued by MoEF&CC on 07/09/2017

The ToR was grnated to the PP 157th meeting of SEACX-1 held on 03.11.2018.

DECISION OF SEAC

During deliberations, it was observd that, there is no uniformity in the information provided in the Consolidated Statement, EIA/EMP reprot and presentation.

In view of above, SEAC-1 decided to defer the proposal and asked PP to ensure uniform information given in the Form-I/II, CS/EIA/EMP and presentation.

Specific Conditions by SEAC:

1) PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
2) PP to submit lay out plan showing internal roads with six meter width and nine meter turning radius, location of pollution control equipment, parking areas, 33% green belt with its dimensions, rain water harvesting structures (locations with dimensions), storm water drain lines, along with index and area statement showing calculations for each area and cross sections of storm water drain and rain water harvesting pits etc.
3) PP to submit separate layout showing contour on the plot, drainage lines, rain water harvesting pits along with cross section of rain water harvesting pit /tank.
4) PP to include detailed material balance charts for each product showing consumption of raw material, sources of pollution and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.
5) PP to carry out life cycle analysis of the activities carried out on site with respect to the carbon foot print, water foot print, green house and ozone depletion potential etc.
6) PP to carry out HAZOP and QRA and submit Disaster Management Plan.
7) PP to inlcude detailed water balance calculations in the EIA reprot along with generation of waste water and its treatment and disposal plan.
8) PP to include water foot print and carbon foot print monitoring in the EMP.
9) PP to submit structural stability certificate to accommodate proposed expansion in the existing plant.
10) PP to submit hazardous chemical handling protocol.
11) PP to carry out heat integration study to reuse the waste heat. PP to explore possibility to use capillary type reactor to reduce the reaction time and conservation of energy.
12) PP to use new and renewable energy for the illumination of common areas, office buildings, street lights, parkign areas wtc.
13) PP to submit their plan for the implementation of the CER funds as per Om issued by MoEF&CC on 01.05.2018.
14) PP to submit an undertaking for not violating any requirement of EIA Notification, 2006 .
15) PP to provide lightening arrestor.

FINAL RECOMMENDATION

SEAC-I decided to defer the proposal.Kindly find SEAC decision above.

168th Meeting of State Level Expert Appraisal Committee – 1 (SEAC – 1) (Day – 3)

SEAC Meeting number: 168 **Meeting Date** August 28, 2019

Subject: Environment Clearance for Stone Quarry Minor Mineral Project (1.00 Ha for mining activity) of Mr. Dipak Gahininath Sakhare (M/s. S. S. S. Stone Crusher Pvt. Ltd.) at Gat no. 548 of Village Rakh, Tal- Purandar, Dist- Pune @ 26670 TPA

Is a Violation Case: No

1.Name of Project	Stone Quarry Minor Mineral Project (1.00 Ha for mining activity)
2.Type of institution	Private
3.Name of Project Proponent	Mr. Dipak Gahininath Sakhare (M/s. S. S. S. Stone Crusher Pvt. Ltd.) at Gat no. 548 of Village Rakh, Tal- Purandar, Dist- Pune
4.Name of Consultant	Dr. Prashant Banne of M/s. Sneha Hi-tech Products, Bangalore
5.Type of project	Others
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. 548 of Village Rakh, Tal- Purandar, Dist- Pune
9.Taluka	Tal- Purandar
10.Village	Village Rakh
Correspondence Name:	Mr. Dipak Gahininath Sakhare (M/s. S. S. S. Stone Crusher Pvt. Ltd.) at Gat no. 548 of Village Rakh, Tal- Purandar, Dist- Pune
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	Village Rakh, Tal- Purandar, Dist- Pune
City:	Nira
11.Whether in Corporation / Municipal / other area	Other area : Private Land
12.IOD/IOA/Concession/Plan Approval Number	NA ... it is minor mineral proposal hence Mining Plan approved by Deputy Director, (Regional Head) Directorate of Geology & Mining, Govt of Maharashtra, Kolhapur
	IOD/IOA/Concession/Plan Approval Number: Mining Plan approval No. MIN-Adm/476/II/2016/913 Dtd. 25.07.2016
	Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Mining Plan approval No. MIN-Adm/476/II/2016/913 Dtd. 25.07.2016
15.Total Plot Area (sq. m.)	Not applicable: (1.00 Ha lease area)
16.Deductions	NA
17.Net Plot area	NA
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** NA
	b) Non FSI area (sq. m.): NA
	c) 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: 25-07-2016
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	8072449

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	NA	NA	NA

23.Number of tenants and shops	NA
24.Number of expected residents / users	Total workers at quarry sites will be 15 individuals
25.Tenant density per hectare	NA
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	NA
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	NA
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Black Stone minor Mineral	0	2223	2223

32.Total Water Requirement

Dry season:	**Source of water**	Private tanker
	Fresh water (CMD):	10
	Recycled water - Flushing (CMD):	NA
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	10
	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)	NA	

33.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	0.75	0.75	0	0.15	0.15	0	0.6	0.6
Industrial Process	0	6.0	6.0	0	6.0	6.0	0	0	0
Gardening	0	3.25	3.25	0	3.25	3.25	0	0	0
Fresh water requirement	0	10.0	10.0	0	9.40	9.40	0	0.6	0.6

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Average water level of the project area in monsoon period is 20 m and 30 m 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 stone quarry activity
	Budgetary allocation (O & M cost) :	NA : It is part of the stone quarry activity
	Details of UGT tanks if any :	NA
35.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
Sewage and Waste water	**Sewage generation in KLD:**	0.6
	STP technology:	NA : Septic tank followed by soak pit will be provided
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA : It is part of the stone quarry activity
	Budgetary allocation (O & M cost):	NA : It is part of the stone quarry activity

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	NA
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	**Dry waste:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank will be used as a manure for gardening
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	**Location(s):**	NA
	Area for the storage of waste & other material:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA : It is part of the stone quarry activity
	O & M cost:	NA : It is part of the stone quarry activity

37.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

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	NA	NA	NA	NA

39.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

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	0	75-100 Lit/Day	75-100 Lit/Day

41.Source of Fuel	Nearby Fuel Stations
42.Mode of Transportation of fuel to site	By road

43.Green Belt Development	**Total RG area :**	0.3609 Ha
	No of trees to be cut :	NA
	Number of trees to be planted :	450
	List of proposed native trees :	Gulmohar, Moha, Kadulimb, Sag, Behada, Amla, Peru, Sitaphal, Kavath, Gela, Ain etc
	Timeline for completion of plantation :	Up to plan Period

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Madhuca indica	Moha	70	Created to intercept dust, gaseous pollutants and noise and Fruits
2	Azadirachta indica	Kadulimb	55	Created to intercept dust, gaseous pollutants and noise
3	Tectona grandis	Sag	65	Created to intercept dust, gaseous pollutants and noise to be used for timber
4	Cassia fistula	Behada	70	Created to intercept dust, gaseous pollutants and noise
5	Psidium guava	Peru	65	Created to intercept dust, gaseous pollutants and noise and Fruits
6	Emblica officinalis	Amla	55	Created to intercept dust, gaseous pollutants and noise and Fruits
7	Catunaregum spinosa	Gela	70	Mountain Pomegranate is an armed shrub or small native evergreen tree
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	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

48.Energy saving by non-conventional method:

NA

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Waste Water	NA	Septic Tank Followed by Soak pits
Dust during material handling	NA	Water sprinkling on Haul roads and Green Belt Development
Noise	NA	Appropriate PPE's will be provides to workers, Green belt development
Solid Waste	NA	The top soil will be used for Green Belt Development, Overburden in the form of murum will be Back filled in the pit
Storm Water	NA	Garland drains will be provided to maintain proper drainage of Storm water

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

51.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	2.00	0.50
2	Water Pollution Control	Septic Tank followed by Soak Pits, garland drain, Boulder Check plug, Stone hedge wall around the lease area	1.25	0.35
3	Noise Pollution Control	Preventive Maintanence of all heavy machineries, Appropriate PPE's will be provides to workers	0.75	0.20
4	Green Belt Development	Afforestation will be done as per CPCB guidelines	1.00	0.25
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	0.75	0.50
6	Environmental Monitoring Program, Half Yearly Compliance	Regular monitoring for ambient air, noise, surface water, ground water	0	1.0

51.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
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NA

Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	NA
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	03-09-2016

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
Water Budget	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	PP to provide movable toilets to the workers working in the mine area and sewage generated shall be properly collected and treated so as to confirm to the standards prescribed by MoEF&CC and CPCB.
Drainage pattern of the project	PP not to obstruct any natural stream the garland drains shall be designed considering the contour levels on site so as to reach rain water to the mined pit or to the natural course exists on site.
Ground water parameters	No ground water withdrawal is permitted in the proposed mine area.

Solid Waste Management	PP to ensure proper disposal of solid waste as approved by the competent Authority. No nuisance of the waste be created in and around the proposed mine area.
Air Quality & Noise Level issues	PP proposes to construct pakka approach road, water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
Energy Management	Not Applicable
Traffic circulation system and risk assessment	PP to provide adequate load baring capacity road for safe plying of the heavy vehicles transporting mined material.
Landscape Plan	PP proposes to develop 7.5 meter wide green belt on the periphery of the mine area. The mined pits shall be created as water reservoirs with all necessary safety measures.
Disaster management system and risk assessment	PP proposes to provide medical aid facility on the site. DGM approved mine manager will be appointed by the PP.
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
Any other issues related to environmental sustainability	Mining / loading activity should carried out only in in day hours' time.

Brief information of the project by SEAC

MoEF&CC issued amendment to the EIA Notification dated 15th January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0 to 5 ha. MoEF&CC constituted District Expert Appraisal Committee (DEAC) and District Environment Impact Assessment Authority (DEIAA) for the appraisal of the proposals and grant of prior Environment Clearance at District levels.

The above referred notification dated 15th January, 2016 was challenged before the Hon'ble National Green Tribunal, Principal Bench, New Delhi vide O.A. No. 186/2016, 200/2016, 580/2016, 102/2017, 404/2016, 405/2016, 520/2016 in the case of Satendra Pandey Vs MoEF&CC, Badal Singh Vs UoI & Ors., Nature Club of Rajasthan Vs UoI & Ors., Rajeev Suri Vs UoI & Ors., Vikrant Tongad Vs UoI & Ors.

Hon'ble National Green Tribunal vide their order dated 13th September, 2018 directed MoEF&CC as below,

"to take appropriate steps to revise the procedure laid down in the impugned Notification dated 15th January, 2016."

Further the grievance on non-compliance of above order was brought to the notice of Hon'ble National Green Tribunal vide execution application No. 55/2018 in O.A. No. 520/2106. In view of the execution application, Hon'ble National Green Tribunal passed order on 11th December, 2018 with following direction,

"we also make it clear that till a fresh Notification is issued by the MoEF&CC, Notification dated 15th January, 2016 will not be acted upon."

State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 163rd meeting held on 12th to 16th March , 2019.

The propodal was considerd in the 163rd meeting of SEAC-1 hedl on 16.03.2019 wherein the proposal was deferred.

DECISION OF SEAC

District Mining Officer, Pune (Shri. Bamne) was present for the meeting.

DMO infformed that, no cluster is formed in propsoed quarry area.

SEAC-1 appraised the proposal on the basis of information submitted by the Project Proponent and the District Mining Officer, Washim.

SEAC-1 decided to recommend the proposal of prior Environment Clearance to the SEIAA subject to the following conditions.

Specific Conditions by SEAC:

1) PP to develop 7.5 meter wide green belt along the periphery in the safety zone, the mined pits will be created as water reservoirs with all necessary safety provisions.
2) 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.
3) 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.
4) 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.
5) PP to provide First Aid facility at the proposed mining site.
6) 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.
7) PP along with revenue and forest department shall conduct a joint tree survey and if any trees needs to be cut PP shall ensure compensatory afforestation is to be done as per prevailing rules with the help of Forest Department. PP to transplant the trees to be cut within the non-mine area of the proposed plot.
8) PP to obtain all necessary NOC's/Permissions from the competent Authority before commencing any work on proposed site.
9) PP to ensure that no mining shall be done below the depth of 10 meters.
10) 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.
11) PP to ensure no stream is diverted due to proposed quarrying activity.
12) 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.
13) PP to provide adequate channels to guide the rain water to reach the mined pit and to avoid any unforeseen incident.
14) 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.
15) 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.
16) PP to ensure that there is no damage to any fauna and its nesting close to the proposed mining area.
17) PP to ensure that, the overburden be stored on site and shall be used for refilling of mine pit.
18) 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.
19) PP to ensure that parking shall not be made on Public roads. Parking shall be on pre decided place only.
20) The transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
21) PP to prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC on 01.05.2018.
22) PP to prepare detailed Environment Management Plan along with cost break up considering above points.

FINAL RECOMMENDATION

SEAC-I have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

168th Meeting of State Level Expert Appraisal Committee – 1 (SEAC – 1) (Day – 3)

SEAC Meeting number: 168 **Meeting Date** August 28, 2019

Subject: Environment Clearance for Stone Quarry Minor Mineral Mining Project (1.63 Ha. for mining activity) of Mr. Dattatray Hanamant Desai at Gat No 604 (Part) Village Trimali, Tal- Khatav, Dist- Satara @201079 TPA

Is a Violation Case: No

1.Name of Project	Stone Quarry Minor Mineral Mining Project (1.63 Ha. for mining activity Of Mr. Dattatray Hanamant Desai at Gat No 604 (Part) Village Trimali, Tal- Khatav, Dist- Satara
2.Type of institution	Private
3.Name of Project Proponent	Mr. Dattatray Hanamant Desai
4.Name of Consultant	Dr. Prashant Banne of M/s. Sneha- Hitech Products, Bangalore
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	Gut No 604 (Part)
9.Taluka	Khatav
10.Village	Trimali: Latitude and Longitude (1) 17 31 19.89; 74 16 44.75 (2) 17 31 23.96; 74 16 45.69 (3) 17 31 24.75; 74 16 45.38 (4) 17 31 26.13; 74 16 46.03 (5) 17 31 24.59; 74 16 49.23 (6) 17 31 19.59; 74 16 47.32
Correspondence Name:	Mr. Dattatray Hanamant Desai
Room Number:	0
Floor:	0
Building Name:	NA
Road/Street Name:	NA
Locality:	Wathar Khurd, Tal- Karad, Dist- Satara
City:	Karad
11.Whether in Corporation / Municipal / other area	Other Area
12.IOD/IOA/Concession/Plan Approval Number	Not applicable
	IOD/IOA/Concession/Plan Approval Number: Mining Plan approval no. MINAdm/ 601/2018/1142 Dtd. 16/10/2018
	Approved Built-up Area: 00
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.)	1.63 Hact
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) 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: 16-10-2018
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	8360000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable

23.Number of tenants and shops	Not applicable
24.Number of expected residents / users	Not applicable
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	Not applicable
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Not applicable
29.Existing structure (s) if any	Not applicable
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Black Stone Minor Mineral	0	16766	16766

32.Total Water Requirement

Dry season:	**Source of water**	Private Water Tanker
	Fresh water (CMD):	10.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	10.0
	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	

33.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	0.5	0.5	0	0.1	0.1	0	0.4	0.4
Industrial Process	0	6	6	0	6	6	0	0	0
Gardening	0	3.5	3.5	0	3.5	3.5	0	0	0
Fresh water requirement	0	10.0	10.0	0	10.0	10.0	0	0.4	0.4

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Average water level of the project area in monsoon period is 85 m and 100 m in summer season.
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	Not applicable
	Size of recharge pits :	Not applicable
	Budgetary allocation (Capital cost) :	Not applicable
	Budgetary allocation (O & M cost) :	Not applicable
	Details of UGT tanks if any :	Not applicable
35.Storm water drainage	**Natural water drainage pattern:**	Not applicable
	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable
Sewage and Waste water	**Sewage generation in KLD:**	0.4
	STP technology:	NA : Septic tank followed by soak pit will be provided
	Capacity of STP (CMD):	Not applicable
	Location & area of the STP:	Not applicable
	Budgetary allocation (Capital cost):	NA : It is part of the stone quarry activity
	Budgetary allocation (O & M cost):	NA : It is part of the stone quarry activity
36.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:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank
	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:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank will be used as a manure for gardening
	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
	Area for the storage of waste & other material:	Not applicable
	Area for machinery:	Not applicable
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not applicable
	O & M cost:	Not applicable

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	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

38.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	Not applicable

39.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

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	0	75 to 100 lit/day	75 to 100 lit/day
41.Source of Fuel		Nearby Fuel Stations		

42.Mode of Transportation of fuel to site	By Road

43.Green Belt Development	**Total RG area :**	1250 sqm
	No of trees to be cut :	00
	Number of trees to be planted :	780
	List of proposed native trees :	Gulmohar, Moha, Kadulimb, Sag, Behada, Amla, Kavath, Gela, Ain etc
	Timeline for completion of plantation :	Upto plan period

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Delonix regia	Gulmohar	100	.
2	Mahua longifolia	Moha	100	.
3	Azadirachta indica	Kadulimb	150	.
4	Tectona grandis	Sag	150	.
5	Terminalia bellirica	Behada	100	.
6	Phyllanthus emblica	Amla	80	.
7	Ficus benghalensis	Banyan	100	.
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47.Energy

Power requirement:	**Source of power supply :**	Not applicable
	During Construction Phase: (Demand Load)	Not applicable
	DG set as Power back-up during construction phase	Not applicable
	During Operation phase (Connected load):	Not applicable
	During Operation phase (Demand load):	Not applicable
	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

48.Energy saving by non-conventional method:

Not applicable

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Not applicable	Not applicable

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Waste Water	Not applicable	Septic Tank followed by Soak Pits
Dust during material handling	Not applicable	Water sprinkling on Haul roads and Green Belt Development
Noise	Not applicable	Appropriate PPE's will be provides to workers, Green belt development
Solid Waste	Not applicable	The top soil will be used for Green Belt Development, Overburden in the form of murum will be Back filled in the pit
Storm Water	Not applicable	Garland drains will be provided to maintain proper drainage of Storm water

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not applicable
	O & M cost:	Not applicable

51.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 Control	Dust Suppression, Black topping of approach roads, Sprinkling of water on quarry and haul roads	1.5	0.25
2	Noise Pollution Control	Preventive Maintanence of all heavy machineries, Appropriate PPE's will be provides to workers	0.75	0.15
3	Green Belt Development	Afforestation will be done as per CPCB guidelines	1.0	0.20
4	Occupational health and safety	Fire Fighting Equipments (portable), Personnel protection equipments (goggles , gloves, helmets, dust mask, safety shoes), Periodic health check ups of workers	0.60	0.10
5	Environmental Monitoring Programme	Regular Monitoring for ambient air, noise, surface water, ground water	Nil	Nil

51.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	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not applicable

Parking details:	**Number and area of basement:**	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	Not applicable
	Area per car:	Not applicable
	Area per car:	Not applicable
	Number of 2-Wheelers as approved by competent authority:	Not applicable
	Number of 4-Wheelers as approved by competent authority:	Not applicable
	Public Transport:	Not applicable
	Width of all Internal roads (m):	Not applicable
	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	Not applicable
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
Water Budget	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	PP to provide movable toilets to the workers working in the mine area and sewage generated shall be properly collected and treated so as to confirm to the standards prescribed by MoEF&CC and CPCB.
Drainage pattern of the project	PP not to obstruct any natural stream the garland drains shall be designed considering the contour levels on site so as to reach rain water to the mined pit or to the natural course exists on site.
Ground water parameters	No ground water withdrawal is permitted in the proposed mine area.

Solid Waste Management	PP to ensure proper disposal of solid waste as approved by the competent Authority. No nuisance of the waste be created in and around the proposed mine area.
Air Quality & Noise Level issues	PP proposes to construct pakka approach road, water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
Energy Management	Not Applicable
Traffic circulation system and risk assessment	PP to provide adequate load baring capacity road for safe plying of the heavy vehicles transporting mined material.
Landscape Plan	PP proposes to develop 7.5 meter wide green belt on the periphery of the mine area. The mined pits shall be converted to water reservoirs with all necessary safety measures.
Disaster management system and risk assessment	PP proposes to provide medical aid facility on the site. DGM approved mine manager will be appointed by the PP.
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
Any other issues related to environmental sustainability	Mining / loading activity should carried out only in in day hours' time.

Brief information of the project by SEAC

MoEF&CC issued amendment to the EIA Notification dated 15th January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0 to 5 ha. MoEF&CC constituted District Expert Appraisal Committee (DEAC) and District Environment Impact Assessment Authority (DEIAA) for the appraisal of the proposals and grant of prior Environment Clearance at District levels.

The above referred notification dated 15th January, 2016 was challenged before the Hon'ble National Green Tribunal, Principal Bench, New Delhi vide O.A. No. 186/2016, 200/2016, 580/2016, 102/2017, 404/2016, 405/2016, 520/2016 in the case of Satendra Pandey Vs MoEF&CC, Badal Singh Vs UoI & Ors., Nature Club of Rajasthan Vs UoI & Ors., Rajeev Suri Vs UoI & Ors., Vikrant Tongad Vs UoI & Ors.

Hon'ble National Green Tribunal vide their order dated 13th September, 2018 directed MoEF&CC as below,

"to take appropriate steps to revise the procedure laid down in the impugned Notification dated 15th January, 2016."

Further the grievance on non-compliance of above order was brought to the notice of Hon'ble National Green Tribunal vide execution application No. 55/2018 in O.A. No. 520/2106. In view of the execution application, Hon'ble National Green Tribunal passed order on 11th December, 2018 with following direction,

"we also make it clear that till a fresh Notification is issued by the MoEF&CC, Notification dated 15th January, 2016 will not be acted upon."

State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 163rd meeting held on 12th to 16th March , 2019.

The proposal was considered in the 163rd meeting of SEAC-1 held on 16.03.2019 wherein the proposal was deferred.

DECISION OF SEAC

District Mining Officer, Satara was present for the meeting.

SEAC-1 appraised the proposal on the basis of information submitted by the Project Proponent and the District Mining Officer, Satara.

SEAC-1 decided to recommend the proposal of prior Environment Clearance to the SEIAA subject to the following conditions.

Specific Conditions by SEAC:

1) PP to develop 7.5 meter wide green belt along the periphery in the safety zone, the mined pits will be created as water reservoirs with all necessary safety provisions.
2) 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.
3) 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.
4) 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.
5) PP to provide First Aid facility at the proposed mining site.
6) 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.
7) PP along with revenue and forest department shall conduct a joint tree survey and if any trees needs to be cut PP shall ensure compensatory afforestation is to be done as per prevailing rules with the help of Forest Department. PP to transplant the trees to be cut within the non-mine area of the proposed plot.
8) PP to obtain all necessary NOC's/Permissions from the competent Authority before commencing any work on proposed site.
9) PP to ensure that no mining shall be done below the depth of 10 meters.
10) 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.
11) PP to ensure no stream is diverted due to proposed quarrying activity.
12) 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.
13) PP to provide adequate channels to guide the rain water to reach the mined pit and to avoid any unforeseen incident.
14) 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.
15) 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.
16) PP to ensure that there is no damage to any fauna and its nesting close to the proposed mining area.
17) PP to ensure that, the overburden be stored on site and shall be used for refilling of mine pit.
18) 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.
19) PP to ensure that parking shall not be made on Public roads. Parking shall be on pre decided place only.
20) The transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
21) PP to prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC on 01.05.2018.
22) PP to prepare detailed Environment Management Plan along with cost break up considering above points.

FINAL RECOMMENDATION

SEAC-I have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

SEAC Meeting number: 168 **Meeting Date** August 28, 2019

Subject: Environment Clearance for Category B2 Project

Is a Violation Case: No

1.Name of Project	M/s. B.N. Gadakh Stone Metal Stone Mining
2.Type of institution	Private
3.Name of Project Proponent	Mr. Babaji Namdev Gadakh
4.Name of Consultant	M/s. Goldfinch Engineering Systems Pvt. Ltd.
5.Type of project	B2 Category Non Coal Mining Project
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
8.Location of the project	Gut No. 326/2&4
9.Taluka	Sangamner
10.Village	Pimpale
Correspondence Name:	Mr. Babaji Namdev Gadakh
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	Pimpale, Sangamner
City:	Ahmednagar
11.Whether in Corporation / Municipal / other area	Other Area
12.IOD/IOA/Concession/Plan Approval Number	Not Applicable as it is a B2 category Non Coal Mining Project
	IOD/IOA/Concession/Plan Approval Number: IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval Number: No.STC-05(Mining Plan)/2018 302
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Approved Mining Plan from Deputy Director, Directorate of Geology & Mining Aurangabad, Govt. of Maharashtra
15.Total Plot Area (sq. m.)	1.0 Ha
16.Deductions	Not Applicable as it is a B2 category Non Coal Mining Project
17.Net Plot area	1.0 Ha
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable as it is a B2 category Non Coal Mining Project
	b) Non FSI area (sq. m.): Not applicable as it is a B2 category Non Coal Mining Project
	c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable as it is a B2 category Non Coal Mining Project
	Approved Non FSI area (sq. m.): Not applicable as it is a B2 category Non Coal Mining Project
	Date of Approval: 04-05-2018
19.Total ground coverage (m2)	Not applicable as it is a B2 category Non Coal Mining Project
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable as it is a B2 category Non Coal Mining Project
21.Estimated cost of the project	4500000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	1 Small office	1	Not applicable

23.Number of tenants and shops	Not applicable as it is a B2 category Non Coal Mining Project
24.Number of expected residents / users	Not applicable as it is a B2 category Non Coal Mining Project
25.Tenant density per hectare	Not applicable as it is a B2 category Non Coal Mining Project
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	Not applicable as it is a B2 category Non Coal Mining Project
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Sufficient road width is available for movement
29.Existing structure (s) if any	No
30.Details of the demolition with disposal (If applicable)	Not applicable as it is a B2 category Non Coal Mining Project

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Basalt rock	0	6427	6427

32.Total Water Requirement

Dry season:	**Source of water**	Not applicable
	Fresh water (CMD):	6.5
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	6.5
	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):	4.5
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	4.5
	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	

33.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	1.0	1.0	0	0.5	0.5	0	0.5	0.5

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	2.0 - 19 m bgl
	Size and no of RWH tank(s) and Quantity:	Not applicable as it is a B2 category Non Coal Mining Project
	Location of the RWH tank(s):	Not applicable as it is a B2 category Non Coal Mining Project
	Quantity of recharge pits:	Not applicable as it is a B2 category Non Coal Mining Project
	Size of recharge pits :	Not applicable as it is a B2 category Non Coal Mining Project
	Budgetary allocation (Capital cost) :	Not applicable as it is a B2 category Non Coal Mining Project
	Budgetary allocation (O & M cost) :	Not applicable as it is a B2 category Non Coal Mining Project
	Details of UGT tanks if any :	Not applicable as it is a B2 category Non Coal Mining Project

35.Storm water drainage	**Natural water drainage pattern:**	Garland Drainage
	Quantity of storm water:	7.0 mm/d
	Size of SWD:	A garland of 7.5 m of barrier will be maintained

Sewage and Waste water	**Sewage generation in KLD:**	0.5
	STP technology:	Soak Pits
	Capacity of STP (CMD):	0.5 KLD
	Location & area of the STP:	Not Applicable
	Budgetary allocation (Capital cost):	3 Lakhs
	Budgetary allocation (O & M cost):	Not Applicable

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Overburden Soil or Morrum
	Disposal of the construction waste debris:	Overburden soil or Morrum will be used for plantation
Waste generation in the operation Phase:	**Dry waste:**	Not applicable as it is a B2 category Non Coal Mining Project
	Wet waste:	Not applicable as it is a B2 category Non Coal Mining Project
	Hazardous waste:	Not applicable as it is a B2 category Non Coal Mining Project
	Biomedical waste (If applicable):	Not applicable as it is a B2 category Non Coal Mining Project
	STP Sludge (Dry sludge):	Not applicable as it is a B2 category Non Coal Mining Project
	Others if any:	Morrum, weathered basalt
Mode of Disposal of waste:	**Dry waste:**	Not applicable as it is a B2 category Non Coal Mining Project
	Wet waste:	Not applicable as it is a B2 category Non Coal Mining Project
	Hazardous waste:	Not applicable as it is a B2 category Non Coal Mining Project
	Biomedical waste (If applicable):	Not applicable as it is a B2 category Non Coal Mining Project
	STP Sludge (Dry sludge):	Not applicable as it is a B2 category Non Coal Mining Project
	Others if any:	Top Soil or Morrum, weathered basalt is used for making roads, development of infrastructure, filling for landscaping
Area requirement:	**Location(s):**	Gut No. 326/2&4
	Area for the storage of waste & other material:	Not Applicable
	Area for machinery:	Not Applicable
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not Applicable
	O & M cost:	Not Applicable

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not Applicable as it is a B2 category Non Coal Mining Project	NA	NA	NA	NA
Amount of effluent generation (CMD):		Not Applicable as it is a B2 category Non Coal Mining Project			

Capacity of the ETP:	Not Applicable as it is a B2 category Non Coal Mining Project
Amount of treated effluent recycled :	Not Applicable as it is a B2 category Non Coal Mining Project
Amount of water send to the CETP:	Not Applicable as it is a B2 category Non Coal Mining Project
Membership of CETP (if require):	Not Applicable as it is a B2 category Non Coal Mining Project
Note on ETP technology to be used	Not Applicable as it is a B2 category Non Coal Mining Project
Disposal of the ETP sludge	Not Applicable as it is a B2 category Non Coal Mining Project

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not Applicable as it is a B2 category Non Coal Mining Project	NA	NA	NA	NA	NA	NA

39.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 as it is a B2 category Non Coal Mining Project	NA	NA	NA	NA	NA

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not Applicable as it is a B2 category Non Coal Mining Project	NA	NA	NA
41.Source of Fuel		Not Applicable as it is a B2 category Non Coal Mining Project		
42.Mode of Transportation of fuel to site		Not Applicable as it is a B2 category Non Coal Mining Project		

43.Green Belt Development

Total RG area :	As per Mining Plan
No of trees to be cut :	Not Applicable
Number of trees to be planted :	375
List of proposed native trees :	As per MPCB Guidelines
Timeline for completion of plantation :	As per MPCB Guidelines

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Pongamia pinnnata	Karanja	150	Indigenous species
2	Azadirachta indica	Neem	150	Indigenous species, medicinal value
3	Tamarindus indica	Tamarind	38	Indigenous species, medicinal value
4	Accacia nilotica	Babul	37	Indigenous species

45.Total quantity of plants on ground	

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47.Energy

Power requirement:	**Source of power supply :**	Maharashtra State Electricity Distribution Corporation Ltd. (MSEDCL)
	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:	MSEDCL
	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

48.Energy saving by non-conventional method:

Standard Cables & Equipment s will be used and timely maintenance will be done

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Drilling & Blasting	Not Applicable	Water Sprinklers

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

51.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	Dust, SPM	Dust and SPM generated in minor quantity .Water sprinklers will be used for dust suppression	4.5	0.9

51.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
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not Applicable as it is a B2 category Non Coal Mining Project
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Kaslubai Harichandragad Wildlife Sanctuary 54.2 km in SW; Nandur-Madhyameshwar Bird Sanctuary 40 km in NW

	Category as per schedule of EIA Notification sheet	1(a)
	Court cases pending if any	No
	Other Relevant Informations	No
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable
Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

PP submitted their applocation for prior Environment Clearance under category 1(a)B2 of the EIA Notification,2006 , as amended from time to time for the stone quarry having area of 1.00 ha at Pimpale Gut. No. 326/2&4 , Taluka Sangamner , District Ahmednagar.

The proposal was earlier considered in the 165th meeting of SEAC-1 held on 07.05.2019 wherein the proposal was deferred till submisison of compliance of follwoing points,

- During deliberations, it is observed that, there are few stone quarries in the vicinity of the proposed mine area. The District Mining Officer, Environmental Consultant and Project Proponent shall conduct joint site inspection to ensure about cluster formation. The District Mining Officer shall ensure that, no quarrying activity is carried out without valid Environmental Clearance and other required NOC'c/permissions in the vicinity of the proosed mine area. The District Mining Officer shall initiate appropriate legal action against the defaulter if any.
-
- PP also to submit following documents for verification at the time appraisal,

1. Copy of latest 7/12 extract.
2. Certificate from Chartered Accountant to ensure exact estimated project cost including land, plant and machineries with their numbers and include the same in the Consolidated Statement.
3. Revised Environmental Management Plan (EMP) with bifurcation of activities and costs. PP also to submit commitment from PP for the implementation of EMP.
4. Progressive mine closure plan approved by competent Authority.

DECISION OF SEAC

PP, DMO and Environmental Consultants were present for the meeting.

During deliberations, ot was observed that, the name of proposed mining site is not included in the District Survey Reprot.

In view of above, SEAC-1 decided to defer the proposla till DMO submits revised District Survey Reprot.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-I decided to defer the proposal.Kindly find SEAC decision above.

SEAC Meeting number: 168 **Meeting Date** August 28, 2019

Subject: Environment Clearance for Category B2 Project

Is a Violation Case: No

1.Name of Project	M/s. Navjeevan Stone Crusher
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rohit Anil Jorwekar
4.Name of Consultant	M/s. Goldfinch Engineering Systems Pvt. Ltd.
5.Type of project	B2 Category Non Coal Mining Project
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	Survey No. 246
9.Taluka	Sangamner
10.Village	Kauthe Kamleshwar
Correspondence Name:	Mr. Rohit Anil Jorwekar
Room Number:	Not Applicable
Floor:	Not Applicable
Building Name:	Not Applicable
Road/Street Name:	Puna road
Locality:	Sangamner Khurd
City:	Ahmednagar
11.Whether in Corporation / Municipal / other area	Other
12.IOD/IOA/Concession/Plan Approval Number	Not Applicable
	IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval Number: STC/446/2013-14/3308
	Approved Built-up Area:
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.)	2.52 Ha
16.Deductions	Not Applicable B2 Category Non Coal Mining Project
17.Net Plot area	2.52 Ha
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable B2 Category Non Coal Mining Project
	b) Non FSI area (sq. m.): Not applicable B2 Category Non Coal Mining Project
	c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable B2 Category Non Coal Mining Project
	Approved Non FSI area (sq. m.): Not applicable B2 Category Non Coal Mining Project
	Date of Approval: 28-11-2014
19.Total ground coverage (m2)	Not applicable B2 Category Non Coal Mining Project
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable B2 Category Non Coal Mining Project
21.Estimated cost of the project	3244703

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	1 Small office	1	Not applicable

23.Number of tenants and shops	Not applicable B2 Category Non Coal Mining Project
24.Number of expected residents / users	Not applicable B2 Category Non Coal Mining Project
25.Tenant density per hectare	Not applicable B2 Category Non Coal Mining Project
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	Not applicable B2 Category Non Coal Mining Project
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Sufficient road width is available for movement
29.Existing structure (s) if any	Not any
30.Details of the demolition with disposal (If applicable)	Not applicable B2 Category Non Coal Mining Project

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Basalt Rock	0	1017	1017

32.Total Water Requirement

Dry season:	**Source of water**	Not applicable
	Fresh water (CMD):	8.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	8.0
	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):	6.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	6.0
	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	

33.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	1.0	1.0	0	0.5	0.5	0	0.5	0.5

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	2.0 - 19 m bgl
	Size and no of RWH tank(s) and Quantity:	Not applicable B2 Category Non Coal Mining Project
	Location of the RWH tank(s):	Not applicable B2 Category Non Coal Mining Project
	Quantity of recharge pits:	Not applicable B2 Category Non Coal Mining Project
	Size of recharge pits :	Not applicable B2 Category Non Coal Mining Project
	Budgetary allocation (Capital cost) :	Not applicable B2 Category Non Coal Mining Project
	Budgetary allocation (O & M cost) :	Not applicable B2 Category Non Coal Mining Project
	Details of UGT tanks if any :	Not applicable B2 Category Non Coal Mining Project

35.Storm water drainage	**Natural water drainage pattern:**	Garland Drainage
	Quantity of storm water:	7.5 mm/d
	Size of SWD:	A garland of 7.5 m of barrier will be maintained

Sewage and Waste water	**Sewage generation in KLD:**	0.5
	STP technology:	Soak Pits
	Capacity of STP (CMD):	0.5 KLD
	Location & area of the STP:	Not Applicable
	Budgetary allocation (Capital cost):	3 Lakhs
	Budgetary allocation (O & M cost):	Not Applicable

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Overburden soil or Morrum
	Disposal of the construction waste debris:	Overburden soil or Morrum will be used for plantation
Waste generation in the operation Phase:	**Dry waste:**	Not applicable B2 Category Non Coal Mining Project
	Wet waste:	Not applicable B2 Category Non Coal Mining Project
	Hazardous waste:	Not applicable B2 Category Non Coal Mining Project
	Biomedical waste (If applicable):	Not applicable B2 Category Non Coal Mining Project
	STP Sludge (Dry sludge):	Not applicable B2 Category Non Coal Mining Project
	Others if any:	Morrum, weathered basalt
Mode of Disposal of waste:	**Dry waste:**	Not applicable B2 Category Non Coal Mining Project
	Wet waste:	Not applicable B2 Category Non Coal Mining Project
	Hazardous waste:	Not applicable B2 Category Non Coal Mining Project
	Biomedical waste (If applicable):	Not applicable B2 Category Non Coal Mining Project
	STP Sludge (Dry sludge):	Not applicable B2 Category Non Coal Mining Project
	Others if any:	Top Soil or Morrum, weathered basalt is used for making roads, development of infrastructure, filling for landscaping
Area requirement:	**Location(s):**	Survey No. 246
	Area for the storage of waste & other material:	Not applicable B2 Category Non Coal Mining Project
	Area for machinery:	Not applicable B2 Category Non Coal Mining Project
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not applicable B2 Category Non Coal Mining Project
	O & M cost:	Not applicable B2 Category Non Coal Mining Project

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable B2 Category Non Coal Mining Project	NA	NA	NA	NA
Amount of effluent generation (CMD):		Not applicable B2 Category Non Coal Mining Project			

Capacity of the ETP:	Not applicable B2 Category Non Coal Mining Project
Amount of treated effluent recycled :	Not applicable B2 Category Non Coal Mining Project
Amount of water send to the CETP:	Not applicable B2 Category Non Coal Mining Project
Membership of CETP (if require):	Not applicable B2 Category Non Coal Mining Project
Note on ETP technology to be used	Not applicable B2 Category Non Coal Mining Project
Disposal of the ETP sludge	Not applicable B2 Category Non Coal Mining Project

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable B2 Category Non Coal Mining Project	NA	NA	NA	NA	NA	NA

39.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 B2 Category Non Coal Mining Project	NA	NA	NA	NA	NA

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable B2 Category Non Coal Mining Project	NA	NA	NA
41.Source of Fuel		Not applicable B2 Category Non Coal Mining Project		
42.Mode of Transportation of fuel to site		Not applicable B2 Category Non Coal Mining Project		

43.Green Belt Development	**Total RG area :**	As per Mining Plan
	No of trees to be cut :	Not Applicable
	Number of trees to be planted :	1150
	List of proposed native trees :	As per MPCB Guidelines
	Timeline for completion of plantation :	As per MPCB Guidelines

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Tamarindus indica	Tamarind	115	Indigenous Species, Medicinal Value
2	Pongamia pinnata	Karanja	450	Indigenous Species
3	Accacia nilotica	Babul	115	Indigenous Species
4	Azadirachta indica	Neem	470	Indigenous Species, Medicinal Value
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47.Energy

Power requirement:	**Source of power supply :**	Maharashtra State Electricity Distribution Corporation Ltd. (MSEDCL)
	During Construction Phase: (Demand Load)	Not applicable B2 Category Non Coal Mining Project
	DG set as Power back-up during construction phase	Not applicable B2 Category Non Coal Mining Project
	During Operation phase (Connected load):	Not applicable B2 Category Non Coal Mining Project
	During Operation phase (Demand load):	Not applicable B2 Category Non Coal Mining Project
	Transformer:	MSEDCL
	DG set as Power back-up during operation phase:	Not applicable B2 Category Non Coal Mining Project
	Fuel used:	Not applicable B2 Category Non Coal Mining Project
	Details of high tension line passing through the plot if any:	Not applicable B2 Category Non Coal Mining Project

48.Energy saving by non-conventional method:

Standard Cables & Equipments will be used and timely maintenance will be done

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Drilling & Blasting	NA	Water Sprinklers

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

51.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	Dust, SPM	Dust and SPM generated in minor quantity .Water sprinklers will be used for dust suppression	5	1

51.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
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not applicable B2 Category Non Coal Mining Project
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	No
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Nandur-Madhyameshwar Bird Sanctuary is at 45.6 km in Northwest

	Category as per schedule of EIA Notification sheet	1(a)
	Court cases pending if any	No
	Other Relevant Informations	Not any
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable
Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

PP submitted their applocation for prior Environment Clearance under category 1(a)B2 of the EIA Notification,2006 , as amended from time to time for the stone quarry having area of 2.52 ha at Kauthe Kamleshwar Survey No. 246 , Taluka Sangamner , District Ahmednagar.

The proposal was earlier considered in the 165th meeting of SEAC-1 held on 08.05.2019 wherein the proposal was deferred till submission of compliance of following points,

- The District Mining Officer, Environmental Consultant and Project Proponent shall conduct joint site inspection to ensure about cluster formation. The District Mining Officer shall ensure that, no quarrying activity is carried out without valid Environmental Clearance and other required NOC'c/permissions in the vicinity of the proosed mine area. The District Mining Officer shall initiate appropriate legal action against the defaulter if any.
-
- PP also to submit following documents for verification at the time appraisal,

1. Copy of latest 7/12 extract.
2. Certificate from Chartered Accountant to ensure exact estimated project cost including land, plant and machineries with their numbers and include the same in the Consolidated Statement.
3. Revised Environmental Management Plan (EMP) with bifurcation of activities and costs. PP also to submit commitment from PP for the implementation of EMP.
4. Progressive mine closure plan approved by competent Authority.

DECISION OF SEAC

PP, DMO and Environmental Consultants were present for the meeting.

During deliberations, ot was observed that, the name of mining site is not included in the District Survey Reprot.

In view of above, SEAC-1 decided to defer the proposla till DMO submits revised District Survey Reprot.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-I decided to defer the proposal.Kindly find SEAC decision above.

168th Meeting of State Level Expert Appraisal Committee – 1 (SEAC – 1) (Day – 3)

SEAC Meeting number: 168 **Meeting Date** August 28, 2019

Subject: Environment Clearance for Addition of Synthetic Chemicals

Is a Violation Case: No

1.Name of Project	M/s Loba Chemie Pvt. Ltd
2.Type of institution	Private
3.Name of Project Proponent	M/s Loba Chemie Pvt. Ltd
4.Name of Consultant	M/s SGM Corporate Consultant Pvt Ltd
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Plot No. D-22 Tarapur M.I.D.C
9.Taluka	Palghar
10.Village	MIDC Tarapur
Correspondence Name:	MR. Nikhil Shah
Room Number:	1
Floor:	Ground
Building Name:	M/s Loba Chemie Pvt. Ltd
Road/Street Name:	Plot No. D-22 Tarapur M.I.D.C
Locality:	Boisar
City:	Boisar, Palghar
11.Whether in Corporation / Municipal / other area	NO
12.IOD/IOA/Concession/Plan Approval Number	NO
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 10765.00
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.)	24324.00
16.Deductions	00
17.Net Plot area	24324.00
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 00
	b) Non FSI area (sq. m.): 00
	c) Total BUA area (sq. m.): 10765
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 00
	Approved Non FSI area (sq. m.): 00
	Date of Approval: 01-09-2000
19.Total ground coverage (m2)	12200
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	43
21.Estimated cost of the project	36000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable

23.Number of tenants and shops	Not applicable
24.Number of expected residents / users	Not applicable
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	18.0
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	6.0
29.Existing structure (s) if any	Not applicable
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	4- Benzyloxy Aniline Hydrochloride	00	1.67	1.67
2	2-Bromo-4'- Benzyloxy Propiophenone	00	1.67	1.67
3	2-Cyclohexen-1-one	00	2.50	2.50
4	3-(3'Trifluoro Methyl Phenyl) Propanol	00	0.42	0.42
5	3-Methyl-1,2,4-Thiadiazole-5-Carbohydrazide	00	1.67	1.67
6	2-Methyl-3-(Tri fluoro Methyl) Aniline	00	6.67	6.67
7	M-034 / Amine	00	0.03	0.03
8	3-Methyl-5-(Phenylmethoxy)-2-[4-(Phenyl methoxy) Phenyl]-1H-Indole	00	0.25	0.25
9	1-(2-(4-(Chloro methyl) phenoxy) ethyl) Azepane Hydrochloride	00	0.25	0.25
10	1-(4-Methoxy phenyl)-2-Benzyl Propyl Amine	00	0.17	0.17
11	4-Amino-5-(Ethyl Sulfonyl)-2-Methoxy benzoic Acid	00	0.58	0.58
12	2-Methoxy-4-amino-5-ethylthiobenzoic Acid	00	0.50	0.50
13	4-Hydroxy benzyl alcohol	00	5.0	5.0
14	5-Bromo-2-chloro Benzoic acid	00	10.0	10.0
15	5-iodo-2-chloro benzoic acid	00	10.0	10.0
16	2,3-pyrazine diacarboxylic anhydride	00	20.0	20.0
17	7-Benzoyl indole	00	0.20	0.20
18	2-Chloro trityl chloride	00	24.0	24.0
19	1-Chloro methyl Naphthalene	00	12.0	12.0

20	4-Amino salicylic acid	00	12.0	12.0
21	Laboratory reagents like (Absorption Indicators, Biochemical, Akaloids, Vitamins, Metals, solvents , reagents etc as per consent to operate dated 14-03-2018)	78.50	00	78.50

32.Total Water Requirement

Dry 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
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	

33.Details of Total water consumed

Particulars	**Consumption (CMD)**			**Loss (CMD)**			**Effluent (CMD)**		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	04	10	14	0.8	2.0	2.8	3.2	8.0	11.2

Industrial Process	17	14	31	15	1.0	16.0	02	13.0	15.0
Cooling tower & thermopack	09	06	15	8.5	5.8	14.3	0.5	0.2	0.7
Gardening	50	00	50	50	00	50	00	00	00

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	6- 8 m
	Size and no of RWH tank(s) and Quantity:	2 x 10 cum
	Location of the RWH tank(s):	ground
	Quantity of recharge pits:	00
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	2.5
	Budgetary allocation (O & M cost) :	0.50
	Details of UGT tanks if any :	100 Cum
35.Storm water drainage	**Natural water drainage pattern:**	MIDC drain
	Quantity of storm water:	0.31 cum/sec
	Size of SWD:	600 x 800
Sewage and Waste water	**Sewage generation in KLD:**	11.2
	STP technology:	Septic tank
	Capacity of STP (CMD):	Septic tank
	Location & area of the STP:	below ground
	Budgetary allocation (Capital cost):	3.0
	Budgetary allocation (O & M cost):	0.50

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	NA
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	**Dry waste:**	35 kg/day
	Wet waste:	35 kg/day
	Hazardous waste:	Details Given Below.
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	05 KG
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	Local Authority
	Wet waste:	Local Authority
	Hazardous waste:	Details Given Below.
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	MIDC
	Others if any:	NA
Area requirement:	**Location(s):**	NA
	Area for the storage of waste & other material:	15 Sq.m
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	NA	5.5 -6.5	6.5-7.5	5.5-9.0
2	BOD	mg/lit	3200-3600	<100	100
3	COD	mg/lit	7450-9100	<250	250
4	SS	mg/lit	1050-1250	<100	100
5	Oil & Grease	mg/lit	80-120	<10	10

Amount of effluent generation (CMD):	15
Capacity of the ETP:	25 cum
Amount of treated effluent recycled :	02
Amount of water send to the CETP:	13 cum . we will achieve zer discharge till operation of new CETP.
Membership of CETP (if require):	Yes
Note on ETP technology to be used	Primary ,secondary and tertiary followed by evaporator
Disposal of the ETP sludge	CHWTSDF

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Process Residues	28.1	kg/month	00	200	200	CHWTSDF
2	Used Oil	5.1	kg/month	50	100	150	Approved MPCB Vendor
3	Discarded Containers	33.3	kg/month	50	200	250	Approved MPCB Vendor
4	ETP Sludge	34.3	kg/month	30	200	230	CHWTSDF
5	Spent Solvents	20.2	lit/month	00	2000	2000	Approved MPCB Vendor
6	Evaporation Residue	36.4	kg/month	00	500	500	CHWTSDF

39.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	Boiler	LDO/FO	1	14	0.6	120
2	D.G	HSD	1	3.0	.1	60

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	LDO/FO	480 lit	320 lit	800 lit
41.Source of Fuel		Local Vendor		
42.Mode of Transportation of fuel to site		by road		

43.Green Belt Development	**Total RG area :**	815.00 sq.m
	No of trees to be cut :	NA
	Number of trees to be planted :	150
	List of proposed native trees :	Enclosed
	Timeline for completion of plantation :	AUG 19

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadirachta indica	Neem	25	Medicinal plant
2	Caryota urens	Fish Tail palm	20	Nitrogen fixer, ornamental plant
3	Neolmarkia cadamba	Kadamba tree	20	ropical fruit tree & bird attracting tree
4	Mimusopes elengi	Bakul	10	Evergreen tree,
5	Saraca indica	Sita ashok	50	Evergreen medicinal plant
6	Michelia champaca	Sonchapha	10	Conical tree with fragrant flowers
7	Plumeria alba	Franjipani	15	Ornamental plant with medicinal value
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	att	att	att

47.Energy

Power requirement:	**Source of power supply :**	MSEB
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	600 KVA
	During Operation phase (Demand load):	450 KVA
	Transformer:	600 KVA
	DG set as Power back-up during operation phase:	75 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Use LED lights in premises
Use of solar light for garden.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Use LED lights in premises, Use of solar light for garden.	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Effluent generation	ETP with Evaporators	Evaporator
Emissions from Process	Scrubber	Scrubber
Noise	Acoustic Enclosure	Acoustic Enclosure
Hazardous waste	CHWTSDF	CHWTSDF

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	2.50 Lakhs
	O & M cost:	0.50 Lakhs

51.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	PM-10, PM 2.5, SO2 etc	15.0	1.25
2	Water Pollution control	pH, COD, BOD, TSS etc	75.0	8.50
3	Noise	Noise	10.00	0.50
4	Hazardous waste	Soil Contamination	4.0	3.0
5	Rain water Harvesting	Water conservation	2.5	0.5
6	Occupational Health & safety	Safety	25.0	5.0
7	Green Belt	Plantation	18.0	4.0

51.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
Annexure	Annexure	Annexure	Annexure	Annexure	Annexure	Annexure	Annexure

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	02
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	600 sq.m
	Area per car:	12.5 sq.m
	Area per car:	12.5 sq.m
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	Auito rickshaw
	Width of all Internal roads (m):	6.0
	CRZ/ RRZ clearance obtain, if any:	NA

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	5.0 Km from creek
	Category as per schedule of EIA Notification sheet	5 f (B1)
	Court cases pending if any	NO
	Other Relevant Informations	Application submitted on MOEFCC portal on dated 09-08-2018
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	08-08-2018

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable
Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 5(f)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015 in 156th meeting of SEAC-1 held on 04.10.2018 wherein ToR was granted to the PP along with following additional consitions,

As the industry is located in the notified industrial area/estate (MIDC), Public Hearing is exempted under the provisions as per para 7 III Stage (3) (b) of the EIA Notification, 2006.

The validity of the TOR will be for three years as per OM issued by MoEF and CC on 29.08.2017.

PP to submit Form - 2 along with EIA/EMP report as per OM issued by MoEF&CC on 20.04.2018.

PP to submit their plan to utilize CER (Corporate Environment Responsibility) along with timelines as per OM issued by MoEF&CC dated 01.05.2018.

1. PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.

2. PP to submit lay out plan showing internal roads with six meter width and nine meter turning radius, location of pollution control equipment, parking areas, 33% green belt with its dimensions, rain water harvesting structures (locations with dimensions), storm water drain lines, along with index and area statement showing calculations for each area and cross sections of storm water drain and rain water harvesting pits etc.

3. PP to provide green belt as per OM issued by MoEF&CC dated 09.08.2048 which stipulates as “The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department."

4. PP to carry out life cycle analysis of the activities carried out on site with respect to the sustainability index, green house and ozone depletion potential etc

5. PP to submit a technical report on how the proposed expansion with respect to the production quantity will be accommodated in the existing facility along with structural stability certificate of existing buildings/structures on the site.

6. PP to include detailed material balance charts for each product showing consumption of raw material, sources of pollution and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.

7. PP to carry out HAZOP and QRA and submit Disaster Management Plan.

8. PP to submit an undertaking for not violating requirements of EIA Notification,2006.

9. PP to carry out engineering analysis of product formation and submit a product scale up plan from laboratory scale to the commercial scale to ensure safety in the processes and quality of products. PP also to submit product wise impurity profile.

10. PP to submit scrubber design calculations.

11. PP to provide STP for the treatment of domestic sewage.

12. PP to submit hazardous chemical handling protocol

13. PP to provide lightening arrestor.

14. PP to carry out socio economic impact study and submit implementation plan along with time schedule.

15. PP to use new and renewable energy source for the illumination of office building and street lights.

Now PP submitted EIA/EMP reprot for appraisal.

DECISION OF SEAC

During meeting ,PP requested to postpone the case.

Hence, deferred

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-I decided to defer the proposal.Kindly find SEAC decision above.

168th Meeting of State Level Expert Appraisal Committee – 1 (SEAC – 1) (Day – 3)

SEAC Meeting number: 168 **Meeting Date** August 28, 2019

Subject: Environment Clearance for Stone Quarry Minor Mineral Project (3.045 Ha for mining activity) of Mr. Nishant Datta Khade (M/s. Das Offshore Engineering Pvt. Ltd.) at Gat no. 8, 10, & 16 of Village Adi Thakur, Tal- Mhasala, Dist- Raigad @ 120000 TPA

Is a Violation Case: No

1.Name of Project	Stone Quarry Minor Mineral Project of M/s. Das Offshore Engineering Pvt. Ltd. at Gat no. 8, 10, & 16 of Village Adi Thakur, Tal- Mhasala, Dist- Raigad
2.Type of institution	Private
3.Name of Project Proponent	Mr. Nishant Datta Khade (M/s. Das Offshore Engineering Pvt. Ltd.) at Gat no. 8, 10, & 16 of Village Adi Thakur, Tal- Mhasala, Dist- Raigad
4.Name of Consultant	Dr. Prashant Banne of M/s. Sneha Hi-tech Products, Bangalore
5.Type of project	Others
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. 8, 10, & 16 of Village Adi Thakur, Tal- Mhasala, Dist- Raigad
9.Taluka	Mhasala
10.Village	Adi Thakur
Correspondence Name:	Mr. Nishant Datta Khade 'Sagar Uday' Plot No. F-3, Agroli, Sector-29, CBD Belapur, Navi Mumbai-400 614.
Room Number:	Not Applicable
Floor:	Not Applicable
Building Name:	Not Applicable
Road/Street Name:	Not Applicable
Locality:	Not Applicable
City:	Not Applicable
11.Whether in Corporation / Municipal / other area	Other area
12.IOD/IOA/Concession/Plan Approval Number	NA .. it is minor mineral proposal hence Mining Plan approved by Dy. Director (Regional Head), Directorate of Geology & Mining, Govt of Maharashtra, Kolhapur
	IOD/IOA/Concession/Plan Approval Number: Mining Plan approval no. MIN/Adm/ 503/Part-4/2018/224 Dtd 13.02.2019
	Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Mining Plan approval no. MIN/Adm/ 503/Part- 4/2018/224 Dtd 13.02.2019
15.Total Plot Area (sq. m.)	NA (3.45 Ha lease area)
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.): 00
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: 13-02-2019
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	18500000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable

23.Number of tenants and shops	Not applicable
24.Number of expected residents / users	Total workers at quarry sites will be 10 individuals
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	Not applicable
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Not applicable
29.Existing structure (s) if any	Not applicable
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Black Stone Minor mineral	0	10000	10000

32.Total Water Requirement

Dry season:	**Source of water**	Private Tankers
	Fresh water (CMD):	10
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	10
	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	

33.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	0.5	0.5	0	0.1	0.1	0	0.4	0.4
Industrial Process	0	6.0	6.0	0	6.0	6.0	0	0	0
Gardening	0	3.5	3.5	0	3.5	3.5	0	0	0
Fresh water requirement	0	10	10	0	9.6	9.6	0	0.4	0.4

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Average water level of the project area in monsoon period is 10 m and 25 m 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):	Not applicable
	Quantity of recharge pits:	Not applicable
	Size of recharge pits :	Not applicable
	Budgetary allocation (Capital cost) :	NA : It is part of the stone quarry activity
	Budgetary allocation (O & M cost) :	NA : It is part of the stone quarry activity
	Details of UGT tanks if any :	Not applicable
35.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:	Not applicable
	Size of SWD:	Not applicable
Sewage and Waste water	**Sewage generation in KLD:**	0.4
	STP technology:	NA : Septic tank followed by soak pit will be provided
	Capacity of STP (CMD):	Not applicable
	Location & area of the STP:	Not applicable
	Budgetary allocation (Capital cost):	NA : It is part of the stone quarry activity
	Budgetary allocation (O & M cost):	NA : It is part of the stone quarry activity
36.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:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Sludge generated from septic tank
	Others if any:	Not applicable

Mode of Disposal of waste:	**Dry waste:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank will be used as a manure for gardening
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Sludge generated from septic tank will be used as a manure for gardening
	Others if any:	Not applicable
Area requirement:	**Location(s):**	Not applicable
	Area for the storage of waste & other material:	Not applicable
	Area for machinery:	Not applicable
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA : It is part of the stone quarry activity
	O & M cost:	NA : It is part of the stone quarry activity

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	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

38.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	Not applicable

39.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

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	DIESEL	0	100-150 Ltr/day	100-150 Ltr/day
41.Source of Fuel		Nearby Fuel Stations		

42.Mode of Transportation of fuel to site	By Road

43.Green Belt Development	**Total RG area :**	8707 Sq. mtr
	No of trees to be cut :	Not Applicable
	Number of trees to be planted :	1200
	List of proposed native trees :	Gulmohar, Moha, Kadulimb, Sag, Behada, Amla, Peru, Sitaphal, Kavath, Gela, Ain etc
	Timeline for completion of plantation :	Upto Plan Period

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Madhuca indica	Moha	75	Created to intercept dust, gaseous pollutants and noise and Fruits
2	Azadirachta indica	Kadulimb	80	Created to intercept dust, gaseous pollutants and noise
3	Tectona grandis	Sag	85	Created to intercept dust, gaseous pollutants and noise to be used for timber
4	Cassia fistula	Behada	100	Created to intercept dust, gaseous pollutants and noise
5	Psidium guajava	Peru	105	Created to intercept dust, gaseous pollutants and noise and Fruits
6	Emblica officinalis	Amla	70	Created to intercept dust, gaseous pollutants and noise and Fruits
7	Catunaregum spinosa	Gela	90	Mountain Pomegranate is an armed shrub or small native evergreen tree
8	Terminalia elliptica	Ain	95	A native evergreen broad leaved tree common in the Sahyadris.
9	Delonix regia	Gulmohar	100	Flowering plant, Ornamental tree.
10	Ficus religiosa	Peepal Tree	90	Deciduous, Evergreen , used as traditional medicine
11	Nerium oleander	Kaner	110	A native hardy species, drought resistant with fragrant flowers
12	Tamarindus indica	Chinch	90	The tamarind tree produces podlike fruit that contains an edible pulp used in cuisines around the world. Other uses of the pulp include traditional medicine and metal polish.
13	Saraca asoca	Ashoka	110	The ashoka is a rain-forest tree. As a wild tree, the ashoka is a vulnerable species.
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Not Applicable	Not Applicable	Not Applicable

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	Not Applicable
	DG set as Power back-up during construction phase	Not Applicable
	During Operation phase (Connected load):	Not Applicable
	During Operation phase (Demand load):	Not Applicable
	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

48.Energy saving by non-conventional method:

Not Applicable

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Not Applicable	Not Applicable

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Waste Water	Not Applicable	Septic Tank followed by Soak Pits
Dust during Material Handling	Not Applicable	Water sprinkling on Haul roads and Green Belt Development
Noise	Not Applicable	Appropriate PPE's will be provides to workers, Green belt development
Solid Waste	Not Applicable	The top soil will be used for Green Belt Development, Overburden in the form of murum will be Back filled in the pit
Storm Water	Not Applicable	Garland drains will be provided to maintain proper drainage of Storm water

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not Applicable
	O & M cost:	Not Applicable

51.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 Control	Dust Suppression, Black topping of approach roads, Sprinkling of water on quarry and haul roads	2.75	0.75
2	Water Pollution Control	Septic Tank followed by Soak Pits, garland drain, Boulder Check plug, Stone hedge wall around the lease area	1.75	0.50
3	Noise Pollution Control	Preventive Maintanence of all heavy machineries, Appropriate PPE's will be provides to workers	1.0	0.25
4	Green Belt Development	Afforestation will be done as per CPCB guidelines	1.25	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	1.0	0.75
6	Environmental Monitoring Program, Half Yearly Compliance	Regular monitoring for ambient air, noise, surface water, ground water	00	2.00

51.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	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not Applicable
Parking details:	**Number and area of basement:**	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	Not Applicable
	Area per car:	Not Applicable
	Area per car:	Not Applicable
	Number of 2-Wheelers as approved by competent authority:	Not Applicable
	Number of 4-Wheelers as approved by competent authority:	Not Applicable
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Not Applicable
	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	Not Applicable
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Not Applicable
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable

Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable
Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

PP submitted their applocation for prior Environment Clearance under category 1(a)B2 of the EIA Notification,2006 , as amended from time to time for the stone quarry having area of 3.45 Ha. at Adi Thakur, Gat No. 8,10,16 , Taluka Mhasala , District Raigad.

The proposal was earlier considered in the 166th A meeting held on 14.06.2019 wherein the proposal was deferred on PP's request.

DECISION OF SEAC

PP, DMO and Consultant were present for the meeting.

During presentation, it was observed from the google image that, excavation was already carried out on site for which PP was not able to give proper justification.

Hence, DMO is directed to conduct site inspection and carry out investigation whether the excavation/mining on site is carried out with requisite permission from the Competent Authority. DMO shall submit investigation report through the District Collector/ Additional Collector.

In view of above the proposal is deferred.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-I decided to defer the proposal.Kindly find SEAC decision above.

168th Meeting of State Level Expert Appraisal Committee – 1 (SEAC – 1) (Day – 3)

SEAC Meeting number: 168 **Meeting Date** August 28, 2019

Subject: Environment Clearance for Stone Quarry Minor Mineral Project (2.56 Ha for mining activity) of Mr. Santosh Maruti Bhoir (M/s. Santosh Stone Company) at Gat no. 15/5 of Village Tamnath, Tal- Karjat, Dist- Raigad @ 200000 TPA

Is a Violation Case: No

1.Name of Project	Stone Quarry Minor Mineral Project (2.56 Ha for mining activity)
2.Type of institution	Private
3.Name of Project Proponent	Mr. Santosh Maruti Bhoir (M/s. Santosh Stone Company) at Gat no. 15/5 of Village Tamnath, Tal- Karjat, Dist- Raigad
4.Name of Consultant	Dr. Prashant Banne of 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. 15/5 of Village Tamnath, Tal- Karjat, Dist- Raigad
9.Taluka	Tal- Karjat
10.Village	Village Tamnath : Latitude and Longitude (1) 18 53 20.98; 73 20 55.76 (2) 18 53 24.00; 73 21 02.92 (3) 18 53 21.28; 73 21 04.41 (4) 18 53 17.87; 73 20 57.41
Correspondence Name:	Mr. Santosh Maruti Bhoir (M/s. Santosh Stone Company) at Gat no. 15/5 of Village Tamnath, Tal- Karjat, Dist- Raigad
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	Village Tamnath, Tal- Karjat, Dist- Raigad
City:	Karjat
11.Whether in Corporation / Municipal / other area	Other Area : Private land
12.IOD/IOA/Concession/Plan Approval Number	NA , it is minor mineral proposal hence Mining Plan approved by Dy. Director (Regional Head), Directorate of Geology & Mining, Govt of Maharashtra, Kolhapur
	IOD/IOA/Concession/Plan Approval Number: Mining Plan approval no. MIN-Adn/503/III/2018/1052 Dtd 24.09.2018
	Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Mining Plan approval no. MIN-Adn/503/III/2018/1052 Dtd 24.09.2018
15.Total Plot Area (sq. m.)	Not applicable (2.56 Ha lease area)
16.Deductions	NA
17.Net Plot area	NA
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** NA
	b) Non FSI area (sq. m.): NA
	c) 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: 24-09-2018
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	34500000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	NA	NA	NA

23.Number of tenants and shops	NA
24.Number of expected residents / users	Total workers at quarry sites will be 10 individuals
25.Tenant density per hectare	NA
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	NA
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	NA
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Black Stone minor Mineral	16667	0	16667

32.Total Water Requirement

Dry season:	**Source of water**	Private Tankers
	Fresh water (CMD):	10
	Recycled water - Flushing (CMD):	NA
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	10
	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)	NA	

33.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	0.5	0.5	0	0.1	0.1	0	0.4	0.4
Industrial Process	0	6	6	0	6	6	0	0	0
Gardening	0	3.5	3.5	0	3.5	3.5	0	0	0
Fresh water requirement	0	10	10	0	9.6	9.6	0	0.4	0.4

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Average water level of the project area in monsoon period is 10 m and 25 m 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 stone quarry activity
	Budgetary allocation (O & M cost) :	NA: It is part of the stone quarry activity
	Details of UGT tanks if any :	NA
35.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
Sewage and Waste water	**Sewage generation in KLD:**	0.4
	STP technology:	NA : Septic tank followed by soak pit will be provided
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA : It is part of the stone quarry activity
	Budgetary allocation (O & M cost):	NA: It is part of the stone quarry activity

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	NA
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	**Dry waste:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank will be used as a manure for gardening
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	**Location(s):**	NA
	Area for the storage of waste & other material:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA : It is part of the stone quarry activity
	O & M cost:	NA: It is part of the stone quarry activity

37.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

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	None	NA	NA	NA	NA	NA	NA

39.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

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	100-150 Lit/Day	0	100-150 Lit/Day

41.Source of Fuel	Nearby Fuel Stations
42.Mode of Transportation of fuel to site	By road

43.Green Belt Development	**Total RG area :**	0.8107 Ha
	No of trees to be cut :	NA
	Number of trees to be planted :	1200
	List of proposed native trees :	Gulmohar, Moha, Kadulimb, Sag, Behada, Amla, Peru, Sitaphal, Kavath, Gela, Ain etc
	Timeline for completion of plantation :	Up to plan period

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Madhuca indica	Moha	80	Created to intercept dust, gaseous pollutants and noise and Fruits
2	Azadirachta indica	Kadulimb	80	Created to intercept dust, gaseous pollutants and noise
3	Tectona grandis	Sag	80	Created to intercept dust, gaseous pollutants and noise to be used for timber
4	Cassia fistula	Behada	80	Created to intercept dust, gaseous pollutants and noise
5	Psidium guajava	Peru	100	Created to intercept dust, gaseous pollutants and noise and Fruits
6	Emblica officinalis	Amla	100	Created to intercept dust, gaseous pollutants and noise and Fruits
7	Catunaregum spinosa	Gela	140	Mountain Pomegranate is an armed shrub or small native evergreen tree
8	Terminalia elliptica	Ain	140	A native evergreen broad leaved tree common in the Sahyadris
9	Delonix regia	Gulmohar	120	Flowering plant, Ornamental tree.
10	Nerium oleander	Kaner	120	A native hardy species, drought resistant with fragrant flowers
11	Saraca asoca	Ashoka	80	The ashoka is a rain-forest tree. As a wild tree, the ashoka is a vulnerable species.
12	Tamarindus indica	Chinch	80	The tamarind tree produces pod-like fruit that contains an edible pulp used in cuisines around the world. Other uses of the pulp include traditional medicine and metal polish.
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	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

48.Energy saving by non-conventional method:

Not applicable

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Waste Water	Septic Tank followed by Soak Pits	NA
Dust during material handling	Water sprinkling on Haul roads and Green Belt Development	NA
Noise	Appropriate PPE's will be provides to workers, Green belt development	NA
Solid Waste	The top soil will be used for Green Belt Development, Overburden in the form of murum will be Back filled in the pit	NA
Storm Water	Garland drains will be provided to maintain proper drainage of Storm water	NA

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

51.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	2.75	0.75
2	Water Pollution Control	Septic Tank followed by Soak Pits, garland drain, Boulder Check plug, Stone hedge wall around the lease area	1.75	0.50
3	Noise Pollution Control	Preventive Maintanence of all heavy machineries, Appropriate PPE's will be provides to workers	1.00	0.25
4	Green Belt Development	Afforestation will be done as per CPCB guidelines	1.25	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 Program, Half Yearly Compliance	Regular monitoring for ambient air, noise, surface water, ground water	0	2.00

51.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
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NA

Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	NA
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable

Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

MoEF&CC issued amendment to the EIA Notification dated 15th January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0 to 5 ha. MoEF&CC constituted District Expert Appraisal Committee (DEAC) and District Environment Impact Assessment Authority (DEIAA) for the appraisal of the proposals and grant of prior Environment Clearance at District levels.

The above referred notification dated 15th January, 2016 was challenged before the Hon'ble National Green Tribunal, Principal Bench, New Delhi vide O.A. No. 186/2016, 200/2016, 580/2016, 102/2017, 404/2016, 405/2016, 520/2016 in the case of Satendra Pandey Vs MoEF&CC, Badal Singh Vs UoI & Ors., Nature Club of Rajasthan Vs UoI & Ors., Rajeev Suri Vs UoI & Ors., Vikrant Tongad Vs UoI & Ors.

Hon'ble National Green Tribunal vide their order dated 13th September, 2018 directed MoEF&CC as below,

"to take appropriate steps to revise the procedure laid down in the impugned Notification dated 15th January, 2016."

Further the grievance on non-compliance of above order was brought to the notice of Hon'ble National Green Tribunal vide execution application No. 55/2018 in O.A. No. 520/2106. In view of the execution application, Hon'ble National Green Tribunal passed order on 11th December, 2018 with following direction,

"we also make it clear that till a fresh Notification is issued by the MoEF&CC, Notification dated 15th January, 2016 will not be acted upon."

State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 163rd meeting held on 12th to 16th March , 2019.

The proposal was considered in the 163rd meeting of SEAC-1 held on 16.03.2019 wherein the proposal was deferred.

DECISION OF SEAC

PP, DMO and Consultant were present for the meeting.

DMO vide letter dated 21.08.2019 informed that, there are total three quarries within the periphery of 500 meters having total area of 8.80 Ha. DMO shall visit the site, investigate whether mining on site was carried out with requisite permisisons from the Competent Authorities and submit report through District Collector/Additional Collector.

PP has obtained earleir EC vide No. SEAC-2012/CR-29/TC-2 dated 30.11.2012. PP to submit copy of certified compliance obtianed from the Regional Office of MoEF&CC, Nagpur.

In view of above, SEAC-1 decided to defer the proposal till submission of complinace of above points.

Specific Conditions by SEAC:

1) PP to submit District Survey Report prepared as per Guidelines issued by MoEF&CC and approved by the Competent Authority.
2) PP to submit copy of prefeasibility report.
3) PP to submit copy of forest clearance if applicable.
4) PP to appoint qualified foreman as a Mine Manager approved by Director General of Mines.
5) PP to collect multiple air monitoring samples on the nearest habitat and cropped area to identify the impact and to propose mitigation measures..
6) PP to submit details of ground water depth 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 submit details of proposed precautions to avoid impact as mentioned.
7) PP to ensure no stream is diverted due to proposed quarrying activity.
8) PP to submit details of the proposed blasting method and mitigation measures to reduce impact of noise, vibrations on the surrounding environment, safety of the people etc.
9) 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.
10) PP to adhere to the provisions stipulated Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and guidelines issued by MoEF&CC.
11) PP to ensure that there is no damage to any flora & fauna and nesting close to the proposed quarrying activity.
12) 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.
13) 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.
14) PP to ensure that no wild life habitat is infringed.
15) PP to ensure that parking shall not be made on Public roads and provide sufficient parking space within their plot.
16) The stone transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
17) PP to provide First Aid facility at the proposed quarrying site.
18) The digital processing of the entire lease area using remote sensing technique including GPS shall be monitored regularly.
19) PP to submit their plan to utilize CER as per OM issued by MoEF&CC on 01.05.2018.
20) No mining shall be carried out in the vicinity of natural/manmade archeological sites.
21) PP to prepare detailed Environment Management Plan along with cost break up considering above points.

FINAL RECOMMENDATION

SEAC-I decided to defer the proposal.Kindly find SEAC decision above.

168th Meeting of State Level Expert Appraisal Committee – 1 (SEAC – 1) (Day – 3)

SEAC Meeting number: 168 **Meeting Date** August 28, 2019

Subject: Environment Clearance for Stone Quarry Minor Mineral Project (3.45 Ha for mining activity) of Mrs. Aruna Santosh Bhoir (M/s. New Suman Stone Crusher) at Gat no. 15/6/B of Village Tamnath, Tal- Karjat, Dist- Raigad @ 200000 TPA

Is a Violation Case: No

1.Name of Project	Stone Quarry Minor Mineral Project (3.45 Ha for mining activity)
2.Type of institution	Private
3.Name of Project Proponent	Mrs. Aruna Santosh Bhoir (M/s. New Suman Stone Crusher) at Gat no. 15/6/B of Village Tamnath, Tal- Karjat, Dist- Raigad
4.Name of Consultant	Dr. Prashant Banne of M/s. Sneha Hi-tech Products, Bangalore
5.Type of project	Othres
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	15/6/B of Village Tamnath, Tal- Karjat, Dist- Raigad
9.Taluka	Karjat
10.Village	Tamnath : Latitude and Longitude (1) 18 53 21.37; 73 20 57.06 (2) 18 53 26.67; 73 20 53.63 (3) 18 53 28.92; 73 20 57.81 (4) 18 53 23.59; 73 21 01.84
Correspondence Name:	Mrs. Aruna Santosh Bhoir (M/s. New Suman Stone Crusher) at Gat no. 15/6/B of Village Tamnath, Tal- Karjat, Dist- Raigad
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	Village Tamnath, Tal- Karjat, Dist- Raigad
City:	Karjat
11.Whether in Corporation / Municipal / other area	Other
12.IOD/IOA/Concession/Plan Approval Number	NA .. it is minor mineral proposal hence Mining Plan approved by Dy. Director (Regional Head), Directorate of Geology & Mining, Govt of Maharashtra, Kolhapur
	IOD/IOA/Concession/Plan Approval Number: Mining Plan approval no. MINAdn/ 503/III/2018/1111 Dtd 09.10.2018
	Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Mining Plan approval no. MINAdn/ 503/III/2018/1111 Dtd 09.10.2018
15.Total Plot Area (sq. m.)	NA (3.45 Ha lease area)
16.Deductions	NA
17.Net Plot area	NA
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** NA
	b) Non FSI area (sq. m.): NA
	c) 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: 09-10-2018
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	42500000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	NA	NA	NA

23.Number of tenants and shops	NA
24.Number of expected residents / users	Total workers at quarry sites will be 10 individuals
25.Tenant density per hectare	NA
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	NA
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	NA
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Black Stone Minor mineral	0	16667	16667

32.Total Water Requirement

Dry season:	**Source of water**	Private Tankers
	Fresh water (CMD):	10
	Recycled water - Flushing (CMD):	NA
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	10
	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)	NA	

33.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	0.5	0.5	0	0.1	0.1	0	0.4	0.4
Industrial Process	0	6.0	6.0	0	6.0	6.0	0	0	0
Gardening	0	3.5	3.5	0	3.5	3.5	0	0	0
Fresh water requirement	0	10	10	0	9.6	9.6	0	0.4	0.4

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Average water level of the project area in monsoon period is 10 m and 25 m 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 stone quarry activity
	Budgetary allocation (O & M cost) :	NA : It is part of the stone quarry activity
	Details of UGT tanks if any :	NA
35.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
Sewage and Waste water	**Sewage generation in KLD:**	0.4
	STP technology:	NA : Septic tank followed by soak pit will be provided
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA : It is part of the stone quarry activity
	Budgetary allocation (O & M cost):	NA : It is part of the stone quarry activity

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	NA
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	**Dry waste:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank will be used as a manure for gardening
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	**Location(s):**	NA
	Area for the storage of waste & other material:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA : It is part of the stone quarry activity
	O & M cost:	NA : It is part of the stone quarry activity

37.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

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	NA	NA	NA	NA

39.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

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	DIESEL	0	100-150 Ltr/day	100-150 Ltr/day

41.Source of Fuel	Nearby Fuel Stations
42.Mode of Transportation of fuel to site	By Road

43.Green Belt Development	**Total RG area :**	1.0778 Hact
	No of trees to be cut :	NA
	Number of trees to be planted :	1500
	List of proposed native trees :	Gulmohar, Moha, Kadulimb, Sag, Behada, Amla, Peru, Sitaphal, Kavath, Gela, Ain etc
	Timeline for completion of plantation :	Upto Plan Period

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Madhuca indica	Moha	105	Created to intercept dust, gaseous pollutants and noise and Fruits
2	Azadirachta indica	Kadulimb	115	Created to intercept dust, gaseous pollutants and noise
3	Tectona grandis	Sag	100	Created to intercept dust, gaseous pollutants and noise to be used for timber
4	Cassia fistula	Behada	100	Created to intercept dust, gaseous pollutants and noise
5	Psidium guajava	Peru	90	Created to intercept dust, gaseous pollutants and noise and Fruits
6	Emblica officinalis	Amla	125	Created to intercept dust, gaseous pollutants and noise and Fruits
7	Catunaregum spinosa	Gela	100	Mountain Pomegranate is an armed shrub or small native evergreen tree
8	Terminalia elliptica	Ain	120	A native evergreen broad leaved tree common in the Sahyadris.
9	Delonix regia	Gulmohar	140	Flowering plant, Ornamental tree.
10	Ficus religiosa	Peepal Tree	100	Deciduous, Evergreen , used as traditional medicine
11	Nerium oleander	Kaner	160	A native hardy species, drought resistant with fragrant flowers
12	Tamarindus indica	Chinch	125	The tamarind tree produces pod-like fruit that contains an edible pulp used in cuisines around the world. Other uses of the pulp include traditional medicine and metal polish.
13	Saraca asoca	Ashoka	120	The ashoka is a rain-forest tree. As a wild tree, the ashoka is a vulnerable species.
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	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

48.Energy saving by non-conventional method:

NA

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Waste Water	NA	Septic Tank followed by Soak Pits
Dust during Material Handling	NA	Water sprinkling on Haul roads and Green Belt Development
Noise	NA	Appropriate PPE's will be provides to workers, Green belt development
Solid Waste	NA	The top soil will be used for Green Belt Development, Overburden in the form of murum will be Back filled in the pit
Storm Water	NA	Garland drains will be provided to maintain proper drainage of Storm water

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

51.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	2.75	0.75
2	Water Pollution Control	Septic Tank followed by Soak Pits, garland drain, Boulder Check plug, Stone hedge wall around the lease area	1.75	0.50
3	Noise Pollution Control	Preventive Maintanence of all heavy machineries, Appropriate PPE's will be provides to workers	1.00	0.25
4	Green Belt Development	Afforestation will be done as per CPCB guidelines	1.25	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	1.0	0.75
6	Environmental Monitoring Program, Half Yearly Compliance	Regular monitoring for ambient air, noise, surface water, ground water	0.0	2.00

51.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
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NA

Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	NA
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable

Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

MoEF&CC issued amendment to the EIA Notification dated 15th January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0 to 5 ha. MoEF&CC constituted District Expert Appraisal Committee (DEAC) and District Environment Impact Assessment Authority (DEIAA) for the appraisal of the proposals and grant of prior Environment Clearance at District levels.

The above referred notification dated 15th January, 2016 was challenged before the Hon'ble National Green Tribunal, Principal Bench, New Delhi vide O.A. No. 186/2016, 200/2016, 580/2016, 102/2017, 404/2016, 405/2016, 520/2016 in the case of Satendra Pandey Vs MoEF&CC, Badal Singh Vs UoI & Ors., Nature Club of Rajasthan Vs UoI & Ors., Rajeev Suri Vs UoI & Ors., Vikrant Tongad Vs UoI & Ors.

Hon'ble National Green Tribunal vide their order dated 13th September, 2018 directed MoEF&CC as below,

"to take appropriate steps to revise the procedure laid down in the impugned Notification dated 15th January, 2016."

Further the grievance on non-compliance of above order was brought to the notice of Hon'ble National Green Tribunal vide execution application No. 55/2018 in O.A. No. 520/2106. In view of the execution application, Hon'ble National Green Tribunal passed order on 11th December, 2018 with following direction,

"we also make it clear that till a fresh Notification is issued by the MoEF&CC, Notification dated 15th January, 2016 will not be acted upon."

State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 163rd meeting held on 12th to 16th March , 2019.

The proposal was considered in the 163rd meeting of SEAC-1 held on 166.03.2019 wherein the proposal was deferred.

DECISION OF SEAC

PP, DMO and Consultant were present for the meeting.

During presentation, it was observed from the google image that, excavation was already carried out on site for which PP was not able to give proper justification.

Hence, DMO is directed to conduct site inspection and carry out investigation whether the excavation/mining on site is carried out with requisite permission from the Competent Authority. DMO shall submit investigation report through the District Collector/ Additional Collector.

DMO also to submit status of cluster formation around the proposed mine lease area.

In view of above the proposal is deferred.

Specific Conditions by SEAC:

1) PP to submit District Survey Report prepared as per Guidelines issued by MoEF&CC and approved by the Competent Authority.
2) PP to submit copy of prefeasibility report.
3) PP to submit copy of forest clearance if applicable.
4) PP to appoint qualified foreman as a Mine Manager approved by Director General of Mines.
5) PP to collect multiple air monitoring samples on the nearest habitat and cropped area to identify the impact and to propose mitigation measures..
6) PP to submit details of ground water depth 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 submit details of proposed precautions to avoid impact as mentioned.
7) PP to ensure no stream is diverted due to proposed quarrying activity.
8) PP to submit details of the proposed blasting method and mitigation measures to reduce impact of noise, vibrations on the surrounding environment, safety of the people etc.
9) 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.
10) PP to adhere to the provisions stipulated Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and guidelines issued by MoEF&CC.
11) PP to ensure that there is no damage to any flora & fauna and nesting close to the proposed quarrying activity.
12) 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.
13) 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.
14) PP to ensure that no wild life habitat is infringed.
15) PP to ensure that parking shall not be made on Public roads and provide sufficient parking space within their plot.
16) The stone transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
17) PP to provide First Aid facility at the proposed quarrying site.
18) The digital processing of the entire lease area using remote sensing technique including GPS shall be monitored regularly.
19) PP to submit their plan to utilize CER as per OM issued by MoEF&CC on 01.05.2018.
20) No mining shall be carried out in the vicinity of natural/manmade archeological sites.
21) PP to prepare detailed Environment Management Plan along with cost break up considering above points.

FINAL RECOMMENDATION

SEAC-I decided to defer the proposal.Kindly find SEAC decision above.

168th Meeting of State Level Expert Appraisal Committee – 1 (SEAC – 1) (Day – 3)

SEAC Meeting number: 168 **Meeting Date** August 28, 2019

Subject: Environment Clearance for Stone Quarry Minor Mineral Project (5.50 Ha for mining activity) of Mr. Satish Kashinath Zhade at Gat no. 82/1, 82/3 of Village Mauje Dhayari , Tal- Haveli , Dist- Pune @ 127500 TPA

Is a Violation Case: No

1.Name of Project	Stone Quarry Minor Mineral Project (5.50 Ha for mining activity)
2.Type of institution	Private
3.Name of Project Proponent	Mr. Satish Kashinath Zhade at Gat no. 82/1, 82/3 of Village Mauje Dhayari , Tal- Haveli , Dist- Pune
4.Name of Consultant	Dr. Prashant Banne of 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	No
8.Location of the project	Gat no. 82/1, 82/3 of Village Mauje Dhayari , Tal- Haveli , Dist- Pune
9.Taluka	Tal- Haveli
10.Village	Mauje Dhayari: Latitude and Longitude (1) 18 25 22.05; 73 48 38.96 (2) 18 25 21.97; 73 48 46.17 (3) 18 25 11.95; 73 48 50.64 (4) 18 25 10.67; 73 48 48.78 (5) 18 25 16.44; 73 48 42.33
Correspondence Name:	Mr. Satish Kashinath Zhade, C/o- Shri Swami Sadguru Stone Crusher, Sr. No. 1814/10, Near Shree Swami Shankar petrol Pump, Khadakwasla, Pune - 411 024
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	Khadakwasla
City:	Pune - 411 024
11.Whether in Corporation / Municipal / other area	Other area: Private Land
12.IOD/IOA/Concession/Plan Approval Number	NA , it is minor mineral proposal hence Mining Plan approved by Dy. Director (Regional Head), Directorate of Geology & Mining, Govt of Maharashtra, Kolhapur
	IOD/IOA/Concession/Plan Approval Number: Mining Plan approval no. MIN.Adn/ 538/II/2019/164 Dtd 01.02.2019
	Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Mining Plan approval no. MIN.Adn/ 538/II/2019/164 Dtd 01.02.2019
15.Total Plot Area (sq. m.)	NA : (5.50 Ha Lease area)
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.): 00
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: 01-02-2019
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	70000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable

23.Number of tenants and shops	Not applicable
24.Number of expected residents / users	Total workers at quarry sites will be 32 individuals
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	NA
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Not applicable
29.Existing structure (s) if any	Not applicable
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Basalt (Stone Metal) : Minor Mineral	0	10625	10625

32.Total Water Requirement

Dry season:	**Source of water**	Private Water Tanker
	Fresh water (CMD):	14.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	14.0
	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	

33.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	2.0	2.0	0	0.4	0.4	0	1.6	1.6
Industrial Process	0	10.0	10.0	0	10.0	10.0	0	0	0
Gardening	0	2.0	2.0	0	2.0	2.0	0	0	0
Fresh water requirement	0	14.0	14.0	0	12.4	12.4	0	1.6	1.6

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Average water level of the project area is 30 m from surface.
	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 stone quarry activity
	Budgetary allocation (O & M cost) :	NA : It is part of the stone quarry activity
	Details of UGT tanks if any :	NA
35.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
Sewage and Waste water	**Sewage generation in KLD:**	1.6
	STP technology:	NA : Septic tank followed by soak pit will be provided
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA : It is part of the stone quarry activity
	Budgetary allocation (O & M cost):	NA : It is part of the stone quarry activity

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	NA
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	**Dry waste:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank will be used as a manure for gardening
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	**Location(s):**	NA
	Area for the storage of waste & other material:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA : It is part of the stone quarry activity
	O & M cost:	NA : It is part of the stone quarry activity

37.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

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	NA	NA	NA	NA

39.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

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	00	150-200 Lit/Day	150-200 Lit/Day

41.Source of Fuel	Nearby Fuel Stations
42.Mode of Transportation of fuel to site	By road

43.Green Belt Development	**Total RG area :**	0.50 Ha
	No of trees to be cut :	NA
	Number of trees to be planted :	1200
	List of proposed native trees :	Gulmohar, Moha, Kadulimb, Sag, Behada, Amla, Peru, Sitaphal, Kavath, Gela, Ain etc
	Timeline for completion of plantation :	Upto Plan Period

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Tamarindus indica	Chinch	80	The tamarind tree produces podlike fruit that contains an edible pulp used in cuisines around the world. Other uses of the pulp include traditional medicine and metal polish.
2	Nerium oleander	Kaner	120	A native hardy species, drought resistant with fragrant flowers
3	Terminalia elliptica	Ain	140	A native evergreen broad leaved tree common in the Sahyadris
4	Emblica officinalis	Amla	100	Created to intercept dust, gaseous pollutants and noise and Fruits
5	Cassia fistula	Behada	80	Created to intercept dust, gaseous pollutants and noise
6	Azadirachta indica	Kadulimb	80	Created to intercept dust, gaseous pollutants and noise
7	Madhuca indica	Moha	80	Created to intercept dust, gaseous pollutants and noise and Fruits
8	Tectona grandis	Sag	80	Created to intercept dust, gaseous pollutants and noise to be used for timber
9	Psidium guava	Peru	100	Created to intercept dust, gaseous pollutants and noise and Fruits
10	Catunaregum spinosa	Gela	140	Mountain Pomegranate is an armed shrub or small native evergreen tree
11	Delonix regia	Gulmohar	120	Flowering plant, Ornamental tree.
12	Saraca asoca	Ashoka	80	The ashoka is a rain-forest tree. As a wild tree, the ashoka is a vulnerable species
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	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

48.Energy saving by non-conventional method:

NA

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Waste Water	NA	Septic Tank followed by Soak Pits
Dust during material handling	NA	Water sprinkling on Haul roads and Green Belt Development
Noise	NA	Appropriate PPE's will be provides to workers, Green belt development
Solid Waste	NA	The top soil will be used for Green Belt Development, Overburden in the form of murum will be Back filled in the
Storm Water	NA	Garland drains will be provided to maintain proper drainage of Storm water

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

51.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	Septic Tank followed by Soak Pits, garland drain, Boulder Check plug, Stone hedge wall around the lease area	1.75	0.50
3	Water Pollution Control	Preventive Maintenance of all heavy machinery, Appropriate PPE's will be provides to workers	1.50	0.50
4	Green Belt Development	Plantation shall be done as per CPCB guidelines	1.25	0.50
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	1.25	0.75
6	Environmental Monitoring Program, Half Yearly Compliance	Regular monitoring for ambient air, noise, surface water, ground water	Nil	2.00

51.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
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NA

Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	NA
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
Water Budget	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	PP to provide movable toilets to the workers working in the mine area and sewage generated shall be properly collected and treated so as to confirm to the standards prescribed by MoEF&CC and CPCB.
Drainage pattern of the project	PP not to obstruct any natural stream the garland drains shall be designed considering the contour levels on site so as to reach rain water to the mined pit or to the natural course exists on site.
Ground water parameters	No ground water withdrawal is permitted in the proposed mine area.

Solid Waste Management	PP to ensure proper disposal of solid waste as approved by the competent Authority. No nuisance of the waste be created in and around the proposed mine area.
Air Quality & Noise Level issues	PP proposes to construct pakka approach road, water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
Energy Management	Not Applicable
Traffic circulation system and risk assessment	PP to provide adequate load baring capacity road for safe plying of the heavy vehicles transporting mined material.
Landscape Plan	PP proposes to develop green belt on the mined area, the mined pits will be created as water reservoirs with all necessary safety provisions.
Disaster management system and risk assessment	PP proposes to provide medical aid facility on the site. DGM approved mine manager will be appointed by the PP.
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
Any other issues related to environmental sustainability	Mining / loading activity should carried out only in in day hours' time.

Brief information of the project by SEAC

MoEF&CC issued amendment to the EIA Notification dated 15th January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0 to 5 ha. MoEF&CC constituted District Expert Appraisal Committee (DEAC) and District Environment Impact Assessment Authority (DEIAA) for the appraisal of the proposals and grant of prior Environment Clearance at District levels.

The above referred notification dated 15th January, 2016 was challenged before the Hon'ble National Green Tribunal, Principal Bench, New Delhi vide O.A. No. 186/2016, 200/2016, 580/2016, 102/2017, 404/2016, 405/2016, 520/2016 in the case of Satendra Pandey Vs MoEF&CC, Badal Singh Vs UoI & Ors., Nature Club of Rajasthan Vs UoI & Ors., Rajeev Suri Vs UoI & Ors., Vikrant Tongad Vs UoI & Ors.

Hon'ble National Green Tribunal vide their order dated 13th September, 2018 directed MoEF&CC as below,

"to take appropriate steps to revise the procedure laid down in the impugned Notification dated 15th January, 2016."

Further the grievance on non-compliance of above order was brought to the notice of Hon'ble National Green Tribunal vide execution application No. 55/2018 in O.A. No. 520/2106. In view of the execution application, Hon'ble National Green Tribunal passed order on 11th December, 2018 with following direction,

"we also make it clear that till a fresh Notification is issued by the MoEF&CC, Notification dated 15th January, 2016 will not be acted upon."

State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 163rd meeting held on 12th to 16th March , 2019.

The proposal was considered in the 163rd meeting of SEAC-1 wherein the proposal was deferred with following remarks,

SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14th September, 2006, 15th January, 2016, and 14th August, 2018 with respect to the procedure prescribed for appraisal of proposal of minor minerals and decided to appraise the proposals subject to the decision of Hon'ble National Green Tribunal, Principal Bench, New Delhi in the matters referred above.

SEAC-1 appraised the proposal on the basis of information submitted by the Project Proponent.

During deliberations SEAC observed many discrepancies in the documents submitted to the committee like District Survey report, Pre-Feasibility Report, Mining Plan, Environmental Management Plan, geographical location of the proposed area etc. PP also not filled the consolidated statement and Form-I (M) correctly. PP need to correct the consolidated statement and ensure that details are provided in conformity with the information provided in the signed Form – 1 (M).

SEAC-1 noted that, presence of the District Mining Officer is necessary during the appraisal process.

In view of above SEAC -1 decided to defer the proposal till PP submits compliance of issues raised during the deliberations and as mentioned below.

DECISION OF SEAC

PP, DMO and Consultant were present for the meeting.

After detailed delibertions, SEAC-1 decided to recommend the proposal for prior Environmental Clearance to the SEIAA subejct to the following conditions,

Specific Conditions by SEAC:

1) PP to develop 7.5 meter wide green belt along the periphery in the safety zone, the mined pits will be created as water reservoirs with all necessary safety provisions.
2) 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.
3) 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.
4) 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.
5) PP to provide First Aid facility at the proposed mining site.
6) 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.
7) PP along with revenue and forest department shall conduct a joint tree survey and if any trees needs to be cut PP shall ensure compensatory afforestation is to be done as per prevailing rules with the help of Forest Department. PP to transplant the trees to be cut within the non-mine area of the proposed plot.
8) PP to obtain all necessary NOC's/Permissions from the competent Authority before commencing any work on proposed site.
9) PP to ensure that no mining shall be done below the depth as approved in the mining plan.
10) 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.
11) PP to ensure no stream is diverted due to proposed quarrying activity.
12) 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.
13) PP to provide adequate channels to guide the rain water to reach the mined pit and to avoid any unforeseen incident.
14) 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.
15) 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.
16) PP to ensure that there is no damage to any fauna and its nesting close to the proposed mining area.
17) PP to ensure that, the overburden be stored on site and shall be used for refilling of mine pit.
18) 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.
19) PP to ensure that parking shall not be made on Public roads. Parking shall be on pre decided place only.
20) The transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
21) PP to prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC on 01.05.2018.
22) PP to submit undertaking for not having any Eco sensitive area within 5 km of the proposed mine area.

FINAL RECOMMENDATION

SEAC-I have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

168th Meeting of State Level Expert Appraisal Committee – 1 (SEAC – 1) (Day – 3)

SEAC Meeting number: 168 **Meeting Date** August 28, 2019

Subject: Environment Clearance for Stone Quarry Minor Mineral Project (1.00 Ha for mining activity) of Mr. Santosh Ramchandra Ghogare (M/s. Lenyadri Stone Crusher) at Gat no. 95 of Village Manikdoh, Tal- Junnar, Dist- Pune @ 7614 TPA

Is a Violation Case: No

1.Name of Project	Stone Quarry Minor Mineral Project (1.00 Ha for mining activity)
2.Type of institution	Private
3.Name of Project Proponent	Mr. Santosh Ramchandra Ghogare (M/s. Lenyadri Stone Crusher) at Gat no. 95 of Village Manikdoh, Tal- Junnar, Dist- Pune
4.Name of Consultant	Dr. Prashant Banne of 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. 95 of Village Manikdoh, Tal- Junnar, Dist- Pune
9.Taluka	Junnar
10.Village	Manikdoh : Latitude and Longitude (1) 19 13 06.6; 73 50 01.2 (2) 19 13 06.5; 73 50 05.8 (3) 19 13 03.8; 73 50 05.8 (4) 19 13 04.3; 73 50 00.6
Correspondence Name:	Mr. Santosh Ramchandra Ghogare (M/s. Lenyadri Stone Crusher) at Gat no. 95 of Village Manikdoh, Tal- Junnar, Dist- Pune
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	Village Manikdoh, Tal- Junnar, Dist- Pune
City:	Junnar
11.Whether in Corporation / Municipal / other area	Other Area : Private land
12.IOD/IOA/Concession/Plan Approval Number	NA .. 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
	Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Mining Plan approval
15.Total Plot Area (sq. m.)	Not applicable: (1.00 Ha lease area)
16.Deductions	NA
17.Net Plot area	NA
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** NA
	b) Non FSI area (sq. m.): NA
	c) Total BUA area (sq. m.): 00
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 00
	Approved Non FSI area (sq. m.): NA
	Date of Approval: 10-06-2014
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	8250000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	NA	NA	NA

23.Number of tenants and shops	NA
24.Number of expected residents / users	Total workers at quarry sites will be 15 individuals
25.Tenant density per hectare	NA
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	NA
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	NA
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Black Stone minor Mineral	0	634.50	634.50

32.Total Water Requirement

Dry season:	**Source of water**	Private Tankers
	Fresh water (CMD):	10
	Recycled water - Flushing (CMD):	NA
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	10
	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)	NA	

33.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	0.75	0.75	0	0.15	0.15	0	0.6	0.6
Industrial Process	0	6	6	0	6	6	0	0	0
Gardening	0	3.25	3.25	0	3.25	3.25	0	0	0
Fresh water requirement	0	10	10	0	9.40	9.40	0	0.6	0.6

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Average water level of the project area in monsoon period is 20 m and 30 m 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 stone quarry activity
	Budgetary allocation (O & M cost) :	NA : It is part of the stone quarry activity
	Details of UGT tanks if any :	NA
35.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
Sewage and Waste water	**Sewage generation in KLD:**	0.6
	STP technology:	NA : Septic tank followed by soak pit will be provided
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA : It is part of the stone quarry activity
	Budgetary allocation (O & M cost):	NA : It is part of the stone quarry activity

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	NA
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	**Dry waste:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank will be used as a manure for gardening
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	**Location(s):**	NA
	Area for the storage of waste & other material:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA : It is part of the stone quarry activity
	O & M cost:	NA : It is part of the stone quarry activity

37.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

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	NA	NA	NA	NA

39.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

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	DIESEL	0	75-100 Lit/Day	75-100 Lit/Day

41.Source of Fuel	Nearby Fuel Stations
42.Mode of Transportation of fuel to site	By Road

43.Green Belt Development	**Total RG area :**	0.3005 Ha
	No of trees to be cut :	Nearby Fuel Stations
	Number of trees to be planted :	450
	List of proposed native trees :	Gulmohar, Moha, Kadulimb, Sag, Behada, Amla, Peru, Sitaphal, Kavath, Gela, Ain etc
	Timeline for completion of plantation :	Up to plan period

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Madhuca indica	Moha	65	Created to intercept dust, gaseous pollutants and noise and Fruits
2	Azadirachta indica	Kadulimb	65	Created to intercept dust, gaseous pollutants and noise
3	Tectona grandis	Sag	70	Created to intercept dust, gaseous pollutants and noise to be used for timber
4	Cassia fistula	Behada	65	Created to intercept dust, gaseous pollutants and noise
5	Psidium guava	Peru	65	Created to intercept dust, gaseous pollutants and noise and Fruits
6	Emblica officinalis	Amla	55	Created to intercept dust, gaseous pollutants and noise and Fruits
7	Catunaregum spinosa	Gela	65	Mountain Pomegranate is an armed shrub or small native evergreen tree
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	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

48.Energy saving by non-conventional method:

NA

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Waste Water	NA	Septic Tank Followed by Soak pits
Dust during material handling	NA	Water sprinkling on Haul roads and Green Belt Development
Noise	NA	Appropriate PPE's will be provides to workers, Green belt development
Solid Waste	NA	The top soil will be used for Green Belt Development, Overburden in the form of murum will be Back filled in the pit
Storm Water	NA	Garland drains will be provided to maintain proper drainage of Storm water

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

51.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	2.0	0.50
2	Water Pollution Control	Septic Tank followed by Soak Pits, garland drain, Boulder Check plug, Stone hedge wall around the lease area	1.25	0.35
3	Noise Pollution Control	Preventive Maintanence of all heavy machineries, Appropriate PPE's will be provides to workers	0.75	0.20
4	Green Belt Development	Afforestation will be done as per CPCB guidelines	1.0	0.25
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	0.75	0.50
6	Environmental Monitoring Program, Half Yearly Compliance	Regular monitoring for ambient air, noise, surface water, ground water	0	1.0

51.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
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NA

Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	NA
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	03-09-2016

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
Water Budget	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	PP to provide movable toilets to the workers working in the mine area and sewage generated shall be properly collected and treated so as to confirm to the standards prescribed by MoEF&CC and CPCB.
Drainage pattern of the project	PP not to obstruct any natural stream the garland drains shall be designed considering the contour levels on site so as to reach rain water to the mined pit or to the natural course exists on site.
Ground water parameters	No ground water withdrawal is permitted in the proposed mine area.

Solid Waste Management	PP to ensure proper disposal of solid waste as approved by the competent Authority. No nuisance of the waste be created in and around the proposed mine area.
Air Quality & Noise Level issues	PP proposes to construct pakka approach road, water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
Energy Management	Not Applicable
Traffic circulation system and risk assessment	PP to provide adequate load baring capacity road for safe plying of the heavy vehicles transporting mined material.
Landscape Plan	PP proposes to develop green belt on the mined area, the mined pits will be created as water reservoirs with all necessary safety provisions.
Disaster management system and risk assessment	PP proposes to provide medical aid facility on the site. DGM approved mine manager will be appointed by the PP.
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
Any other issues related to environmental sustainability	Mining / loading activity should carried out only in in day hours' time.

Brief information of the project by SEAC

MoEF&CC issued amendment to the EIA Notification dated 15th January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0 to 5 ha. MoEF&CC constituted District Expert Appraisal Committee (DEAC) and District Environment Impact Assessment Authority (DEIAA) for the appraisal of the proposals and grant of prior Environment Clearance at District levels.

The above referred notification dated 15th January, 2016 was challenged before the Hon'ble National Green Tribunal, Principal Bench, New Delhi vide O.A. No. 186/2016, 200/2016, 580/2016, 102/2017, 404/2016, 405/2016, 520/2016 in the case of Satendra Pandey Vs MoEF&CC, Badal Singh Vs UoI & Ors., Nature Club of Rajasthan Vs UoI & Ors., Rajeev Suri Vs UoI & Ors., Vikrant Tongad Vs UoI & Ors.

Hon'ble National Green Tribunal vide their order dated 13th September, 2018 directed MoEF&CC as below,

"to take appropriate steps to revise the procedure laid down in the impugned Notification dated 15th January, 2016."

Further the grievance on non-compliance of above order was brought to the notice of Hon'ble National Green Tribunal vide execution application No. 55/2018 in O.A. No. 520/2106. In view of the execution application, Hon'ble National Green Tribunal passed order on 11th December, 2018 with following direction,

"we also make it clear that till a fresh Notification is issued by the MoEF&CC, Notification dated 15th January, 2016 will not be acted upon."

State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 163rd meeting held on 12th to 16th March , 2019.

The proposal was considered in the 163rd meeting of SEAC-1 held on 16.03.2019 wherein the proposal was deferred with following remarks,

SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14th September, 2006, 15th January, 2016, and 14th August, 2018 with respect to the procedure prescribed for appraisal of proposal of minor minerals and decided to appraise the proposals subject to the decision of Hon'ble National Green Tribunal, Principal Bench, New Delhi in the matters referred above.

SEAC-1 appraised the proposal on the basis of information submitted by the Project Proponent.

During deliberations SEAC observed many discrepancies in the documents submitted to the committee like District Survey report, Pre-Feasibility Report, Mining Plan, Environmental Management Plan, geographical location of the proposed area etc. PP also not filled the consolidated statement and Form-I (M) correctly. PP need to correct the consolidated statement and ensure that details are provided in conformity with the information provided in the signed Form – 1 (M).

SEAC-1 noted that, presence of the District Mining Officer is necessary during the appraisal process.

In view of above SEAC -1 decided to defer the proposal till PP submits compliance of issues raised during the deliberations and as mentioned below.

DECISION OF SEAC

After detailed deliberations, SEAC-1 decided to recommend the proposal for prior Environment Clearacne to the SEIAA subject to the following conditions.

Specific Conditions by SEAC:

1) PP to develop 7.5 meter wide green belt along the periphery in the safety zone, the mined pits will be created as water reservoirs with all necessary safety provisions.
2) 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.
3) 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.
4) 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.
5) PP to provide First Aid facility at the proposed mining site.
6) 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.
7) PP along with revenue and forest department shall conduct a joint tree survey and if any trees needs to be cut PP shall ensure compensatory afforestation is to be done as per prevailing rules with the help of Forest Department. PP to transplant the trees to be cut within the non-mine area of the proposed plot.
8) PP to obtain all necessary NOC's/Permissions from the competent Authority before commencing any work on proposed site.
9) PP to ensure that no mining shall be done below the depth as approved in the mining plan.
10) 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.
11) PP to ensure no stream is diverted due to proposed quarrying activity.
12) 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.
13) PP to provide adequate channels to guide the rain water to reach the mined pit and to avoid any unforeseen incident.
14) 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.
15) 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.
16) PP to ensure that there is no damage to any fauna and its nesting close to the proposed mining area.
17) PP to ensure that, the overburden be stored on site and shall be used for refilling of mine pit.
18) 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.
19) PP to ensure that parking shall not be made on Public roads. Parking shall be on pre decided place only.
20) The transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
21) PP to prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC on 01.05.2018.
22) PP to submit undertaking for not having any Eco sensitive area within 5 km of the proposed mine area.

FINAL RECOMMENDATION

SEAC-I have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

168th Meeting of State Level Expert Appraisal Committee – 1 (SEAC – 1) (Day – 3)

SEAC Meeting number: 168 **Meeting Date** August 28, 2019

Subject: Environment Clearance for Stone Quarry Minor Mineral Project (1.20 Ha for mining activity) of Mr. Muddanna Pirappa Kambale (M/s. Sai Samrajya Stone Crusher) at Gat no.20/1/A. Village Mandrup, Tal. South Solapur, Dist. Solapur @ 24534 TPA

Is a Violation Case: No

1.Name of Project	Stone Quarry Minor Mineral Project (1.20 Ha for mining activity)
2.Type of institution	Private
3.Name of Project Proponent	Mr. Muddanna Pirappa Kambale (M/s. Sai Samrajya Stone Crusher) at Gat no.20/1/A. Village Mandrup, Tal. South Solapur, Dist. Solapur
4.Name of Consultant	Dr. Prashant Banne of M/s. Sneha Hi-tech Products, Bangalore
5.Type of project	Others
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.20/1/A. Village Mandrup, Tal. South Solapur, Dist. Solapur
9.Taluka	South Solapur
10.Village	Mandrup: Latitude and Longitude (1) 17 28 27.38; 73 50 35.76 (2) 17 28 27.19; 75 50 37.84 (3) 17 28 31.88; 75 50 39.87 (4) 17 28 32.13; 75 50 36.50
Correspondence Name:	Mr. Muddanna Pirappa Kambale (M/s. Sai Samrajya Stone Crusher) at Gat no.20/1/A. Village Mandrup, Tal. South Solapur, Dist. Solapur
Room Number:	NA
Floor:	NA
Building Name:	Sai Om Building
Road/Street Name:	Behind J D transport
Locality:	Brahman wadi, vadgaon
City:	Pune, mawal
11.Whether in Corporation / Municipal / other area	Other Area : Private land
12.IOD/IOA/Concession/Plan Approval Number	NA .. it is minor mineral proposal hence Mining Plan approved by Dy. Director (Regional Head), Directorate of Geology & Mining, Govt of Maharashtra, Kolhapur
	IOD/IOA/Concession/Plan Approval Number: Mining Plan approval no. MIN-Adm/599/2018/863 dtd. 12/07/2018
	Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Mining Plan approval no. MIN-Adm/599/2018/863 dtd. 12/07/2018
15.Total Plot Area (sq. m.)	Not Applicable (1.20 Ha Lease Area)
16.Deductions	NA
17.Net Plot area	NA
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** NA
	b) Non FSI area (sq. m.): NA
	c) Total BUA area (sq. m.):
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: 12-07-2018
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	8800000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	NA	NA	NA

23.Number of tenants and shops	NA
24.Number of expected residents / users	Total workers at quarry sites will be 10 individuals
25.Tenant density per hectare	NA
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	NA
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	NA
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Black Stone Minor Mineral	0	2044.5	2044.5

32.Total Water Requirement

Dry season:	**Source of water**	Private Water Tanker
	Fresh water (CMD):	10.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	10.0
	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	

33.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	0.5	0.5	0	0.1	0.1	0	0.4	0.4
Industrial Process	0	6	6	0	6	6	0	0	0
Gardening	0	3.5	3.5	0	3.5	3.5	0	0	0
Fresh water requirement	0	10	10.0	0	10.0	10.0	0	0.4	0.4

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Average water level of the project area in monsoon period is 90m and 100m 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):	Not applicable
	Quantity of recharge pits:	Not applicable
	Size of recharge pits :	Not applicable
	Budgetary allocation (Capital cost) :	NA : It is part of the stone quarry activity
	Budgetary allocation (O & M cost) :	NA : It is part of the stone quarry activity
	Details of UGT tanks if any :	Not applicable
35.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:	Not applicable
	Size of SWD:	Not applicable
Sewage and Waste water	**Sewage generation in KLD:**	0.4
	STP technology:	NA : Septic tank followed by soak pit will be provided
	Capacity of STP (CMD):	Not applicable
	Location & area of the STP:	Not applicable
	Budgetary allocation (Capital cost):	NA: It is part of the stone quarry activity
	Budgetary allocation (O & M cost):	NA: It is part of the stone quarry activity

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	NA
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	**Dry waste:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself
	Wet waste:	sludge generated from septic tank
	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:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself
	Wet waste:	sludge generated from septic tank will be used as a manure for gardning
	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
	Area for the storage of waste & other material:	Not applicable
	Area for machinery:	Not applicable
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA : It is part of the stone quarry activity
	O & M cost:	NA : It is part of the stone quarry activity

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	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

38.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	Not applicable

39.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

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	0	75-100 Lit/Day	75-100 Lit/Day
41.Source of Fuel		Nearby Fuel Stations		

42.Mode of Transportation of fuel to site	By Road

43.Green Belt Development	**Total RG area :**	0.1 Ha
	No of trees to be cut :	00
	Number of trees to be planted :	660
	List of proposed native trees :	Gulmohar, Moha, kadulimb, Saag, Behada, Amala, Kavath, Gela
	Timeline for completion of plantation :	Upto Time Period

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Delonix Regia	Giulmohar	100	Flowering plant, Ornamental tree.
2	Madhuca indica	Moha	100	Created to intercept dust, gaseous pollutants and noise and Fruits
3	Azardica Indica	Kadulimb	110	Created to intercept dust, gaseous pollutants and noise
4	Tectona Grandis	Saag	150	Created to intercept dust, gaseous pollutants and noise to be used for timber
5	Terminalia Bellirica	Bahada	100	Created to intercept dust, gaseous pollutants and noise
6	Ficus Benghalensis	Banyan	100	Created to intercept dust, gaseous pollutants and noise to be used for timber
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Not applicable	Not applicable	Not applicable

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	Not applicable
	DG set as Power back-up during construction phase	Not applicable
	During Operation phase (Connected load):	Not applicable
	During Operation phase (Demand load):	Not applicable
	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

48.Energy saving by non-conventional method:

Not applicable

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Not applicable	Not applicable

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Waste Water	Not applicable	Septic tank followed by soak pit
Dust During Material Handling	Not applicable	water sprinkling on haul and green belt development
Noise	Not applicable	Appropriate PPE's will be provides to workers, green belt development
Solid waste	Not applicable	The top soil will be green belt development
Storm Water	Not applicable	Garland drains will be provided to maintan proper drainage of storm water

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not applicable
	O & M cost:	Not applicable

51.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 control	Dust Suppression, black topping of aproch road, sprinkling of water on quarry and haul roads	1.25	0.25
2	Noise POllution Control	Preventive maintenance of all heavy machines, appropriate PPE will be provide	0.75	0.10
3	Green Belt Development	Aforestration will be done as per CPCB Guidlines	1	0.20
4	Accuprtional Health and Safety	Fire fighting equipemnts(portable+ PPEs etc)	0.60	0.10
5	Environmental Monitoring Program	Regular Monitoring for Ambint Air, Noise, Surface water, ground water	NIl	1

51.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	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not applicable

Parking details:	**Number and area of basement:**	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	Not applicable
	Area per car:	Not applicable
	Area per car:	Not applicable
	Number of 2-Wheelers as approved by competent authority:	Not applicable
	Number of 4-Wheelers as approved by competent authority:	Not applicable
	Public Transport:	Not applicable
	Width of all Internal roads (m):	Not applicable
	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	Not applicable
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable

Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

MoEF&CC issued amendment to the EIA Notification dated 15th January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0 to 5 ha. MoEF&CC constituted District Expert Appraisal Committee (DEAC) and District Environment Impact Assessment Authority (DEIAA) for the appraisal of the proposals and grant of prior Environment Clearance at District levels.

The above referred notification dated 15th January, 2016 was challenged before the Hon'ble National Green Tribunal, Principal Bench, New Delhi vide O.A. No. 186/2016, 200/2016, 580/2016, 102/2017, 404/2016, 405/2016, 520/2016 in the case of Satendra Pandey Vs MoEF&CC, Badal Singh Vs UoI & Ors., Nature Club of Rajasthan Vs UoI & Ors., Rajeev Suri Vs UoI & Ors., Vikrant Tongad Vs UoI & Ors.

Hon'ble National Green Tribunal vide their order dated 13th September, 2018 directed MoEF&CC as below,

"to take appropriate steps to revise the procedure laid down in the impugned Notification dated 15th January, 2016."

Further the grievance on non-compliance of above order was brought to the notice of Hon'ble National Green Tribunal vide execution application No. 55/2018 in O.A. No. 520/2106. In view of the execution application, Hon'ble National Green Tribunal passed order on 11th December, 2018 with following direction,

"we also make it clear that till a fresh Notification is issued by the MoEF&CC, Notification dated 15th January, 2016 will not be acted upon."

State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 163rd meeting held on 12th to 16th March , 2019.

The proposal was considered in the 163rd meeting held on 16.03.2019 wherein th eproposal was deferred with following remarks,

SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14th September, 2006, 15th January, 2016, and 14th August, 2018 with respect to the procedure prescribed for appraisal of proposal of minor minerals and decided to appraise the proposals subject to the decision of Hon'ble National Green Tribunal, Principal Bench, New Delhi in the matters referred above.

SEAC-1 appraised the proposal on the basis of information submitted by the Project Proponent.

During deliberations SEAC observed many discrepancies in the documents submitted to the committee like District Survey report, Pre-Feasibility Report, Mining Plan, Environmental Management Plan, geographical location of the proposed area etc. PP also not filled the consolidated statement and Form-I (M) correctly. PP need to correct the consolidated statement and ensure that details are provided in conformity with the information provided in the signed Form – 1 (M).

SEAC-1 noted that, presence of the District Mining Officer is necessary during the appraisal process.

In view of above SEAC -1 decided to defer the proposal till PP submits compliance of issues raised during the deliberations and as mentioned below.

DECISION OF SEAC

During deliberations it was observed that , the DSR i snot prepared as per guidelines. DMO to submit revised DSR copy.

It was also observed that, PP has not prepared mining plan fo rthe total land in his possession. PP to submit revised approved mining plan.

In view of above, SEAC-1 decided to defer the proposal till submission of compliance of the points.

Specific Conditions by SEAC:

1) PP to submit District Survey Report prepared as per Guidelines issued by MoEF&CC and approved by the Competent Authority.
2) PP to submit copy of prefeasibility report.
3) PP to submit copy of forest clearance if applicable.
4) PP to appoint qualified foreman as a Mine Manager approved by Director General of Mines.
5) PP to collect multiple air monitoring samples on the nearest habitat and cropped area to identify the impact and to propose mitigation measures..
6) PP to submit details of ground water depth 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 submit details of proposed precautions to avoid impact as mentioned.
7) PP to ensure no stream is diverted due to proposed quarrying activity.
8) PP to submit details of the proposed blasting method and mitigation measures to reduce impact of noise, vibrations on the surrounding environment, safety of the people etc.
9) 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.
10) PP to adhere to the provisions stipulated Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and guidelines issued by MoEF&CC.
11) PP to ensure that there is no damage to any flora & fauna and nesting close to the proposed quarrying activity.
12) 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.
13) 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.
14) PP to ensure that no wild life habitat is infringed.
15) PP to ensure that parking shall not be made on Public roads and provide sufficient parking space within their plot.
16) The stone transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
17) PP to provide First Aid facility at the proposed quarrying site.
18) The digital processing of the entire lease area using remote sensing technique including GPS shall be monitored regularly.
19) PP to submit their plan to utilize CER as per OM issued by MoEF&CC on 01.05.2018.
20) No mining shall be carried out in the vicinity of natural/manmade archeological sites.
21) PP to prepare detailed Environment Management Plan along with cost break up considering above points.

FINAL RECOMMENDATION

SEAC-I decided to defer the proposal.Kindly find SEAC decision above.