

## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

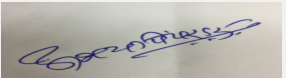
SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019

**Subject:** Environment Clearance for Expansion of common biomedical waste management facility 250 kg/hr by Shree Swami Samarth Enterprises

**Is a Violation Case:** No


1.Name of Project	Expansion of common biomedical waste management facility 250 kg/hr by Shree Swami Samarth Enterprises
2.Type of institution	TOR
3.Name of Project Proponent	Shree Swami Samarth Enterprises
4.Name of Consultant	-
5.Type of project	Industrial
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	No. Environmental clearance was not applicable under EIA notification of S.o.1533 ( E) 14-09-2006. Environmental clearance is required under category 7 (da) Biomedical waste treatment facility vide amendment in EIA notification 2006 vide S.O. 1142 ( E) dated 30 April 2015
8.Location of the project	Gut no. 54/2 Dohadee taluka and district Dhule
9.Taluka	Dhule
10.Village	Dohadee
Correspondence Name:	Maya Sharad Pawar
Room Number:	Plot no. 14
Floor:	-
Building Name:	Hari Om NAGAR
Road/Street Name:	Surat by pass road
Locality:	Dhule
City:	Dhule 424001
11.Area of the project	Gram Panchayat Dhamane
12.IOD/IOA/Concession/Plan Approval Number	Approval From Village development officer Grampanchayat Dhamane Taluka and District Dhule <b>IOD/IOA/Concession/Plan Approval Number:</b> Approval From Village development officer Grampanchayat Dhamane Taluka and District Dhule <b>Approved Built-up Area:</b> 333.30
13.Note on the initiated work (If applicable)	Existing 100 kg /hr biomedical waste treatment facility
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Approval From Village development officer Grampanchayat Dhamane Taluka and District Dhule
15.Total Plot Area (sq. m.)	4000 Sq.m
16.Deductions	-
17.Net Plot area	4000 Sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 1410.07 b) Non FSI area (sq. m.): - c) Total BUA area (sq. m.): 2043.07
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 333.30 Approved Non FSI area (sq. m.): - Date of Approval: 01-01-1900
19.Total ground coverage (m2)	475
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	11.8
21.Estimated cost of the project	9932000

## 22.Number of buildings & its configuration


  
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Biomedical waste treatment facility village dohaddee	Ground Structure	7.6 m	
23.Number of tenants and shops		-		
24.Number of expected residents / users		21		
25.Tenant density per hectare		-		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		6m		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		9m		
29.Existing structure (s) if any		BMW management facility 100 kg/hr		
30.Details of the demolition with disposal (If applicable)		Not applicable		
<b>31.Production Details</b>				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	NA	NA	NA	NA
<b>32.Total Water Requirement</b>				


  
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Dry season:	Source of water	Municipal Corporation Dhule							
	Fresh water (CMD):	4.8							
	Recycled water - Flushing (CMD):	-							
	Recycled water - Gardening (CMD):	2.6 (Gardening + 2.2 scrubber)							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	4.8							
	Fire fighting - Underground water tank(CMD):	-							
	Fire fighting - Overhead water tank(CMD):	-							
	Excess treated water	0							
Wet season:	Source of water	Municipal Corporation Dhule							
	Fresh water (CMD):	4.8							
	Recycled water - Flushing (CMD):	-							
	Recycled water - Gardening (CMD):	2.2 scrubber							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	4.8							
	Fire fighting - Underground water tank(CMD):	-							
	Fire fighting - Overhead water tank(CMD):	-							
	Excess treated water	0							
Details of Swimming pool (If any)	NA								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	5	3	8	0.5	0.15	0.20	4.5	2.85	7.35
Industrial Process	1.2	2	3.2	0.06	0.1	0.16	1.14	1.84	2.98


  
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<b>34. Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	5-10 m
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	2 nos
	<b>Size of recharge pits :</b>	2.5 Dia. & 2.5 Depth
	<b>Budgetary allocation (Capital cost) :</b>	4 Lakh
	<b>Budgetary allocation (O &amp; M cost) :</b>	40000
	<b>Details of UGT tanks if any :</b>	2 tanks having 19 cum capacity
<b>35. Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Towards road side
	<b>Quantity of storm water:</b>	0.042 cum/sec
	<b>Size of SWD:</b>	0.3 m X 0.3 m
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	2.6 (FROM SERVANT QUARTERS & STAFF)
	<b>STP technology:</b>	SOAK PIT PROVIDED
	<b>Capacity of STP (CMD):</b>	-
	<b>Location &amp; area of the STP:</b>	SOAK PIT AREA: 5 Sqm
	<b>Budgetary allocation (Capital cost):</b>	2 lakh
	<b>Budgetary allocation (O &amp; M cost):</b>	10000
<b>36. Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Debris has been disposed off by covered trucks to the authorized sites
	<b>Disposal of the construction waste debris:</b>	Construction debris will be reused and Scrap material will be sold to recyclers.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	0.42 kg/day
	<b>Wet waste:</b>	0.63 kg/day
	<b>Hazardous waste:</b>	ETP sludge 8.6 kg
	<b>Biomedical waste (If applicable):</b>	250 Kg/hr
	<b>STP Sludge (Dry sludge):</b>	-
	<b>Others if any:</b>	100 kg/day ash generated from incinerator

  
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Sold to recyclers
	<b>Wet waste:</b>	Bins shall be provided
	<b>Hazardous waste:</b>	ETP sludge Will be sent to CHWTSDF
	<b>Biomedical waste (If applicable):</b>	Treatment in CBMWTF
	<b>STP Sludge (Dry sludge):</b>	-
	<b>Others if any:</b>	-
<b>Area requirement:</b>	<b>Location(s):</b>	On ground
	<b>Area for the storage of waste &amp; other material:</b>	11 sqm
	<b>Area for machinery:</b>	-
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	-
	<b>O &amp; M cost:</b>	-

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	-	-	-	6.5-9.0
2	Suspended Solids	Mg/lit	-	-	100
3	Oil and Grease	Mg/lit	-	-	10
4	BOD	Mg/lit	-	-	30
5	COD	Mg/lit	-	-	250
Amount of effluent generation (CMD):		2.98 kld			
Capacity of the ETP:		4.3 kld			
Amount of treated effluent recycled :		2.2 kld			
Amount of water send to the CETP:		-			
Membership of CETP (if require):		-			
Note on ETP technology to be used		-			
Disposal of the ETP sludge		send to CHWTSDF			

### 38. Hazardous Waste Details


Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	ETP Sludge	5 F	-	3.4	5.2	8.6	send to 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	incinerator	50 lit/ hr	1	30 m	-	-


### 40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	35 lit/ hr	15 lit/ hr	50 lit/ hr

  
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41.Source of Fuel	Nearest Diesel Supplier Pump
42.Mode of Transportation of fuel to site	barrels of capacity less than 1000 lit

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	1913 Sqm
	<b>No of trees to be cut :</b>	-
	<b>Number of trees to be planted :</b>	84 nos
	<b>List of proposed native trees :</b>	84 nos
	<b>Timeline for completion of plantation :</b>	ALREADY ONSITE

#### 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	55	Medicinal
2	Phyllanthus emblica	AMLA	10	Medicinal
3	Sesame	SESSAME	5	Medicinal
4	Delonix regia	GUMOHAR	10	Medicinal
5	ALMOND	BADAM	4	Medicinal

#### 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	-	-	-

#### 47.Energy

<b>Power requirement:</b>	<b>Source of power supply :</b>	Maharashtra Enviro Power Limited
	<b>During Construction Phase: (Demand Load)</b>	15 kW
	<b>DG set as Power back-up during construction phase</b>	20 kVA
	<b>During Operation phase (Connected load):</b>	25 kW
	<b>During Operation phase (Demand load):</b>	20 kW
	<b>Transformer:</b>	-
	<b>DG set as Power back-up during operation phase:</b>	20 kVA
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	NA



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**48. Energy saving by non-conventional method:**

Solar stand alone street lighting and LED lights  
energy saving fixtures and sensors  
APFC

**49. Detail calculations & % of saving:**

Serial Number	Energy Conservation Measures	Saving %
1	-	-

**50. Details of pollution control Systems**

Source	Existing pollution control system	Proposed to be installed
Air	stack and Ventury Scrubber	stack, Ventury Scrubber , cyclone droplet collector, online monitoring system
Water	ETP	ETP

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	2 lakh
	<b>O &amp; M cost:</b>	5000


**51. Environmental Management plan Budgetary Allocation****a) Construction phase (with Break-up):**

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water Sprinkling, Green Belt Development, Covered storage area	2
2	Noise Environment	Noise Barricades and Green Belt Developments	1.5
3	Water Environment	Water Sprinkling,	0.5
4	Good Health Practices	Site Sanitation & Health Care	0.25
5	Environment Monitoring	Air, water, noise soil monitoring during construction phase	3

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


Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	WASTE water	STP	2	0.1
2	Energy	Solar	2	0.05
3	Water Conservation	Recharge pits	4	0.4
4	Solid Waste	Pit composting	0.20	0.05
5	Water	ETP	6	1.5

**51. Storage of chemicals (inflammable/explosive/hazardous/toxic substances)**

  
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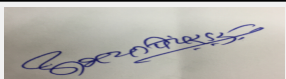
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
fly ash	storage	on ground	0.1	1	-	-	authorized conman hazardous waste treatment disposal facilitator

### 52.Any Other Information

No Information Available

### 53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Dhode road 9 m wide
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	On ground
	Area per car:	-
	Area per car:	-
	Number of 2-Wheelers as approved by competent authority:	4 no's
	Number of 4-Wheelers as approved by competent authority:	6 no's
	Public Transport:	-
	Width of all Internal roads (m):	9M
	CRZ/ RRZ clearance obtain, if any:	No
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	7 (Da)
	Court cases pending if any	No
	Other Relevant Informations	Existing BMW facility of 100 kg/hr

  
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	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

### SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

### Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 7(da) for the expansion of their Biomedical waste management facility as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC.

### DECISION OF SEAC

 <b>Abhay Pimparkar (Secretary SEAC-I)</b>	<b>SEAC Meeting No: 165th -Day 1 Meeting Date: May 3, 2019</b>	<b>Page 9 of 290</b>	Signature:  Name: Dr. Umakant Dangat <b>Dr. Umakant Dangat (Chairman SEAC-I)</b>
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PP remained absent.


Hence, deferred.

Specific Conditions by SEAC:

### FINAL RECOMMENDATION


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

SEAC-AGENDA-0000000256

  
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## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Proposed project for expansion in existing products & addition of new products for manufacturing of Active Pharmaceutical Ingredients & intermediates by Auro Laboratories Limited at Plot No.: K-56, MIDC Tarapur, Dist. Palghar, Maharashtra 401506.


**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed project for expansion in existing products & addition of new products for manufacturing of Active Pharmaceutical Ingredients & intermediates by Auro Laboratories Limited at Plot No.: K-56, MIDC Tarapur, Dist. Palghar, Maharashtra 401506.
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr. Siddhartha Deorah, Auro Laboratories Limited
<b>4.Name of Consultant</b>	Goldfinch Engineering Systems Private Limited
<b>5.Type of project</b>	Industrial- Manufacturing of Active Pharmaceutical Ingredients & intermediates
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	Expansion
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	No.Environmental Clearance is not required for existing activity as after establishment Auro have not done any expansion after EIA notification 2006.
<b>8.Location of the project</b>	Plot No. K-56, MIDC Tarapur, Dist. Palghar, Maharashtra 401506
<b>9.Taluka</b>	Palghar
<b>10.Village</b>	Salvad
<b>Correspondence Name:</b>	Mr. Siddhartha Deorah
<b>Room Number:</b>	314
<b>Floor:</b>	Not Applicable
<b>Building Name:</b>	T. V. Industrial Estate
<b>Road/Street Name:</b>	S. K. Ahire Marg
<b>Locality:</b>	Worli
<b>City:</b>	Mumbai
<b>11.Area of the project</b>	MIDC Tarapur
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Not Applicable <b>IOD/IOA/Concession/Plan Approval Number:</b> Not Applicable <b>Approved Built-up Area:</b> 6420
<b>13.Note on the initiated work (If applicable)</b>	For proposed expansion work will be initiated after getting EC
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Not applicable
<b>15.Total Plot Area (sq. m.)</b>	4280 Sq. Mtr.
<b>16.Deductions</b>	Not applicable
<b>17.Net Plot area</b>	Not applicable
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 6420
	<b>b) Non FSI area (sq. m.):</b> Not applicable
	<b>c) Total BUA area (sq. m.):</b> 2775.48
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> 6420
	<b>Approved Non FSI area (sq. m.):</b> Not applicable
	<b>Date of Approval:</b> 01-04-2019
<b>19.Total ground coverage (m2)</b>	1198.86 Sq.m.
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	28.01
<b>21.Estimated cost of the project</b>	267900000

  
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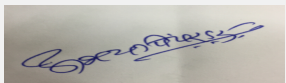
## 22. Number of buildings & its configuration

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))	9 m		
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	6 m		
29. Existing structure (s) if any	Existing building having admin, store & QC dept. will be demolished to align the expansion project properly.		
30. Details of the demolition with disposal (If applicable)	Details are provided in EIA report as Annexure XII.		

## 31. Production Details


Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Metformin	60 MT/A	(-) 60 MT/A	0
2	Metformin HCL & Metformin HCL DC	Not Applicable	9600 MT/A	9600 MT/A
3	Chlorphenamine Maleate	Not Applicable	12 MT/A	12 MT/A
4	Glimepiride	Not Applicable	1.2 MT/A	1.2 MT/A
5	Glipizide	Not Applicable	1.2 MT/A	1.2 MT/A
6	Gliclazide	Not Applicable	1.2 MT/A	1.2 MT/A
7	Glibenclamide	Not Applicable	1.2 MT/A	1.2 MT/A
8	Chloroxazone	Not Applicable	120 MT/A	120 MT/A
9	Total	60 MT/A	9676.8 MT/A	9736.8 MT/A

## 32. Total Water Requirement

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


### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	4.0	1.0	5.0	01.0	0.2	1.2	3.00	0.8	3.8
Industrial Process	16	23	39	1	1	2	15	22	37
Cooling tower & thermopack	9.0	137.0	146.00	5.0	129.0	134.0	4.0	8.0	12.0
Gardening	1.0	7.0	8.0	1.0	7.0	8.0	0.0	0.0	0.0

  
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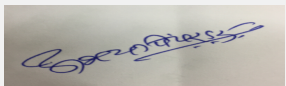
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Fresh water requirement	30.0	168.0	198.0	8.0	137.2	145.2	22.0	30.8	52.8
Fresh water requirement	Additional steam condensate from MEE	--	--	--	--	--	--	--	5.28
Fresh water requirement	Water Recycled	58.08 (52.8+5.28)	--	--	--	--	--	--	--
Fresh water requirement	Total fresh water required 2nd day onwards	139.92	--	--	--	--	--	--	--

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	5 to 10 m
	<b>Size and no of RWH tank(s) and Quantity:</b>	Rain water will be collected in existing raw water tank of 100 m3
	<b>Location of the RWH tank(s):</b>	UG water Tank - Near ETP
	<b>Quantity of recharge pits:</b>	Not applicable as collected water will be reused.
	<b>Size of recharge pits :</b>	Not applicable as collected water will be reused.
	<b>Budgetary allocation (Capital cost) :</b>	Already included in capital cost
	<b>Budgetary allocation (O &amp; M cost) :</b>	Already included in capital cost
	<b>Details of UGT tanks if any :</b>	Water Tank - Existing- 1 No.: 100 M3, proposed fire water tank-1 No.: 100 M3

<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Proper and separate storm water drains will be provided as per natural slopes.
	<b>Quantity of storm water:</b>	190 mm of rain fall per hr, 0.5 runoff coeff.= 111.72 m3/hr., 0.031 m3/s
	<b>Size of SWD:</b>	0.4 m x 0.35 m x 0.4 m

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	3.8
	<b>STP technology:</b>	Domestic Sewage will be treated in secondary treatment of ETP as combined treatment.
	<b>Capacity of STP (CMD):</b>	Not Applicable
	<b>Location &amp; area of the STP:</b>	Not Applicable
	<b>Budgetary allocation (Capital cost):</b>	Not Applicable
	<b>Budgetary allocation (O &amp; M cost):</b>	Not Applicable

  
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## 36.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Quantity will be provided at the time of EIA
	<b>Disposal of the construction waste debris:</b>	Within premises in low lying area
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	• Hazardous Waste: • Discarded containers/barrels/HDPE bags - 1764 Nos./M, Non-Hazardous Waste: • Waste paper - 330 kg/A • Boiler Ash -118800 kg/A
	<b>Wet waste:</b>	• Hazardous Waste: • ETP Sludge - 23.61 TPA • MEE salts -13.38 TPA • Spent Carbon from process - 4.96 TPA ; • Process Residue - 7.92 TPA; • Spent Carbon from ETP- 7.78 TPA
	<b>Hazardous waste:</b>	• Hazardous Waste: • ETP Sludge - 23.61 TPA • MEE salts -13.38 TPA • Spent Carbon from process - 4.96 TPA • Process Residue - 7.92 TPA • Discarded containers/barrels& liners used for HW/Chemicals 1764 nos./M ; • Spent Carbon from ETP- 7.78 TPA • Non-Hazardous Waste: • Waste paper- 330 kg/A • Boiler Ash - 118800 kg/A
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	Not Applicable
	<b>Others if any:</b>	• E-Waste- 102 kg/A • Battery waste- 200.04 kg/A
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	MPCB authorized party for reuse
	<b>Wet waste:</b>	CHWTSDF//To MPCB authorized recyclers
	<b>Hazardous waste:</b>	CHWTSDF//To MPCB authorized recyclers
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	Not Applicable
	<b>Others if any:</b>	Sale to authorized dismantlers/Recyclers.
<b>Area requirement:</b>	<b>Location(s):</b>	Near ETP area
	<b>Area for the storage of waste &amp; other material:</b>	Area for the storage of Hazardous waste 16 Sq.m.
	<b>Area for machinery:</b>	Not applicable
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	27000
	<b>O &amp; M cost:</b>	8.8 lacs/A


## 37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	--	6.0-7.0	7.0-7.5	7.0-7.5
2	BOD <sub>3,27°C</sub>	mg/lit	1500-1750	50-100	< 100
3	COD	mg/lit	3000-3500	100-200	< 250
4	TSS	mg/lit	400-500	<30	< 100
5	TDS	mg/lit	800-1000	500-700	< 2100
Amount of effluent generation (CMD):		Industrial: 49.00 CMD Domestic: 3.8 CMD			
Capacity of the ETP:		60 CMD			
Amount of treated effluent recycled :		58.08 CMD			

  
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Amount of water send to the CETP:	Not Applicable as this unit will be run on Zero Liquid Discharge (ZLD) Basis.
Membership of CETP (if require):	Not Applicable
Note on ETP technology to be used	Industrial Effluent 49.00 CMD including cooling tower & Boiler blow downs will be treated in primary treatment. Primary treated wastewater along with domestic waste water of 3.8 CMD will be subjected to two-stage biodegradation as secondary treatment. The outlet of the secondary treatment will be pumped to Pressure Sand Filter (PSF) followed by Activated Carbon Filter (ACF). This effluent is then passed through Reverse Osmosis (RO). RO permeate will be will be reuse/recycle. RO reject will be ev
Disposal of the ETP sludge	CHWTSDF

### 38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Process waste sludge / residue	28.1	T/A	0.048	7.7872	7.92	To CHWTSDF
2	ETP Sludge	35.3	T/A	1.8	21.81	23.61	To CHWTSDF
3	MEE salts	35.3	T/A	--	13.38	13.38	To CHWTSDF
4	Spent Carbon from ETP	35.3	T/A	--	7.78	7.78	To CHWTSDF
5	Spent Carbon from process	28.3	T/A	1.38	3.58	4.96	To CHWTSDF
6	Discarded containers/barrels/HDPE bags	33.1	Nos./M	--	1764	1764	Sale to authorized dismantlers / Recyclers.
7	Other waste:	--	--	--	--	--	--
8	E-Waste	--	Kg/A	25.2	76.8	102	Sale to authorized dismantlers/ Recyclers
9	Battery waste	--	Kg/A	62.4	137.64	200.04	Returned to battery manufacturer through authorized dealer on buy back procurement
10	Non-Hazardous Waste Details:	--	--	--	--	--	--
11	Waste paper	--	Kg/A	116.4	213.6	330	Sale
12	HDPE bags	--	Nos./year	28200 Nos. /year	102972 Nos. /year	131172 Nos. /year	Reuse/sale to authorized party
13	Boiler Ash	--	Kg/A	--	118800	118800	Sale to Brick Manufacturer/cement industry


### 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 - 2 nos. of 4 TPH (Proposed)	Briquettes 22 TPD	1	30	0.7	125°C
2	Thermopac - 100000 Kcal./hr. (Proposed)	LDO 800 lit/month	1	30	0.4	130°C
3	DG Set - 1000 KVA (Proposed)	HSD, 265 lit/hr. at full load	1	7 m above enclosure	0.2	140°C
4	Note: Existing FO fired boiler & existing DG set will be dismantled.	--	--	--	--	--

  
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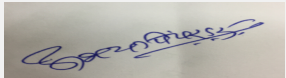
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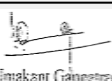


40.Details of Fuel to be used				
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Briquettes	Not Applicable	22 TPD	22 TPD
2	LDO	Not Applicable	800 lit/month	800 lit/month
3	HSD	Not Applicable	265 Lit/hr.at full load	265 Lit/hr.at full load
41.Source of Fuel		Local & Imported		
42.Mode of Transportation of fuel to site		Through truck/ tanker by Road		
<b>43.Green Belt Development</b>				
		<b>Total RG area :</b>	Existing: 200 sq.m Proposed: 1254 sq.m. Total: 1454 sq. m	
		<b>No of trees to be cut :</b>	No	
		<b>Number of trees to be planted :</b>	190 Nos. of Trees and Shrubs to be planted	
		<b>List of proposed native trees :</b>	Arjun, Vad, Pimpal, Neem, Kadamb, etc.	
		<b>Timeline for completion of plantation :</b>	With the construction of project	
<b>44.Number and list of trees species to be planted in the ground</b>				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Terminalia arjuna	Arjun	20	Pollution resistant and Native
2	Bauhinia racemosa	Apta	20	Pollution resistant and Native
3	Ficusbenghalensis	Vad	10	Pollution resistant and Native
4	Ficusreligiosa	Pimpal	15	Pollution resistant and Native
5	Ficuselastica	Rubber	10	Pollution resistant and Native
6	Plumeria Alba	Chafa	10	Pollution resistant and Native
7	Azadirachtaindica	Neem	20	Pollution resistant and Native
8	Cassia fistula	Bahava	25	Pollution resistant and Native
9	Neolamarckiacadamba	Kadamb	15	Pollution resistant and Native
10	Teminaliatomentosa	Ain	10	Pollution resistant and Native
11	Lagerstroemia speciosa	Taman	10	Pollution resistant and Native
12	Tectonagrandis	Teak	10	Pollution resistant and Native
13	Bauhinia purpurea	Kanchan	15	Pollution resistant and Native
45.Total quantity of plants on ground				
<b>46.Number and list of shrubs and bushes species to be planted in the podium RG:</b>				
Serial Number	Name	C/C Distance	Area m2	
1	Not Applicable	Not Applicable	Not Applicable	
<b>47.Energy</b>				

  
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<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	100 KW
	<b>DG set as Power back-up during construction phase</b>	Will be hired on rent from local vendor
	<b>During Operation phase (Connected load):</b>	1450 KW
	<b>During Operation phase (Demand load):</b>	1342 KW
	<b>Transformer:</b>	750 KVA
	<b>DG set as Power back-up during operation phase:</b>	1 DG set of 1000 KVA. Existing DG will be dismantled.
	<b>Fuel used:</b>	HSD 265 Lit/hr. at full load
	<b>Details of high tension line passing through the plot if any:</b>	NO

#### 48. Energy saving by non-conventional method:

Auro is proposing roof top solar system for illumination of office buildings, street lights & parking areas  
Power generation from Solar panel system- 14 kW.

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

Serial Number	Energy Conservation Measures	Saving %
1	Solar power	1.04 %

#### 50. Details of pollution control Systems


Source	Existing pollution control system	Proposed to be installed
Air	Stack of adequate height	Multi-cyclone followed by Bag filter and Stack of adequate height
Water	ETP	ETP, RO & MEE
Noise	Acoustic enclosure for DG set	Acoustic enclosure for DG set
Solid Waste	Disposal to CHWTSDF	Disposal to CHWTSDF

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	65000
	<b>O &amp; M cost:</b>	Rs. 3000/Annum

### 51. Environmental Management plan Budgetary Allocation


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

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Dust	Air Pollution	1.00
2	Debris	Solid Waste	1.00
3	Construction equipment	Solid Waste	0.50

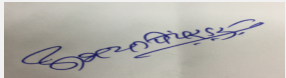
  
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<b>b) Operation Phase (with Break-up):</b>				
<b>Serial Number</b>	<b>Component</b>	<b>Description</b>	<b>Capital cost Rs. In Lacs</b>	<b>Operational and Maintenance cost (Rs. in Lacs/yr)</b>
1	Air pollution control	Provision of Multi-cyclone followed by Bag filter & Stack of adequate height	5	0.20
2	Water pollution control	Effluent Treatment Plant, RO & Multi Effect Evaporator	176.91	96.66
3	Noise pollution Control	Acoustic enclosure and regular maintenance	1	0.50
4	Occupational health	Medical checkup, Health insurance policy, Medical staff charges, First aid facilities, consumables, In-house first aid room, Other infrastructure and Equipment	4	3
5	Environmental Monitoring plan	Environmental Monitoring	--	2.108
6	Green belt	Development & Maintenance	0.5	0.2
7	Hazardous waste Storage & disposal	Storage, Transportation and disposal	0.27	8.8
8	Mitigation Measures for LCA (Installation of solar Panels)	--	0.65	0.03
9	Carbon Footprint Monitoring (Measures taken to reduce carbon footprint)	<ul style="list-style-type: none"> <li>• Installation of solar Panels* for reduction of consumption of electricity which indirectly reduce carbon footprint.</li> <li>• Tree plantation*,</li> <li>Reduction of fuel consumption by using well efficient insulation to heating equipment.</li> </ul>	0.55	0.014
10	Water Footprint Monitoring (Measures taken to reduce water footprint)	<ul style="list-style-type: none"> <li>• Rain water harvesting &amp; use of rain water in utilities &amp; domestic</li> <li>• Recycle &amp; reuse of treated waste water** in utilities</li> <li>Regular maintenance of equipments to reduce wastage of water due to leaks</li> </ul>	0.5	0.2
11	Total	--	189.38	111.712

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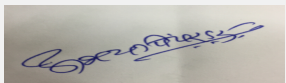
## 51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Dicyandiamide (DCDA)	Solid	warehouse	130	128.8	550	Local	By Road
Dimethylamine Hydrochloride (DMA HCL)	Solid	warehouse	150	141.4	606	Local	By Road
Xylene	Liquid	warehouse	50	50	25	Local	By Road
Toluene	Liquid	warehouse	1	0.70	3.6	Local	By Road
Cyanobase	Liquid	warehouse	0.50	0.10	0.6	Local	By Road
Caustic Potash Flakes	Solid	warehouse	0.50	0.05	0.25	Local	By Road
Malic Acid	Solid	warehouse	0.50	0.03	0.19	Local	By Road
IPA	Liquid	warehouse	1	0.40	1.88	Local	By Road
Polyvinylpyrrolidone K-30	Solid	warehouse	1.5	1.0	7.5	Local	By Road
Sodium Starch Glycollate	Solid	warehouse	1	0.80	3.6	Local	By Road
Maize Starch	Solid	warehouse	1	0.40	1.8	Local	By Road
Aerosil	Solid	warehouse	0.50	0.25	1.25	Local	By Road
Magnesium Stearate	Solid	warehouse	0.50	0.10	0.6	Local	By Road
Glimepiride Sulfonamide	Liquid	warehouse	0.50	0.02	0.16	Local	By Road
Potassium carbonate	Solid	warehouse	0.50	0.02	0.14	Local	By Road
Trans-4-methylcyclohexyl isocyanate	Solid	warehouse	0.50	0.15	0.80	Local	By Road
Liq. AMMONIA	Liquid	warehouse	0.50	0.04	0.2	Local	By Road
Glipizidesulfamide	Solid	warehouse	0.50	0.02	0.10	Local	By Road
Anhydrous potassium carbonate	Solid	warehouse	0.50	0.02	0.09	Local	By Road
Cyclohexylisocyanate	Liquid	warehouse	0.50	0.2	0.20	Local	By Road
N.Amino-3-Azabicyclo	Solid	warehouse	0.50	0.02	0.1	Local	By Road
Ethyl Acetate	Liquid	warehouse	0.50	0.07	0.37	Local	By Road
Acetonitrile	Liquid	warehouse	0.50	0.07	0.32	Local	By Road
Glibenclamidesufamide	Solid	warehouse	0.50	0.02	0.11	Local	By Road
Dimethyl formamide	Liquid	warehouse	0.50	0.10	0.6	Local	By Road
Caustic soda	Liquid	warehouse	0.50	0.05	0.23	Local	By Road
Activated Carbon	Solid	warehouse	0.50	0.1	0.42	Local	By Road
Methanol	Solid	warehouse	60	50	55	Local	By Road
Acetone	Liquid	warehouse	0.50	0.25	1.6	Local	By Road
HCL	Liquid	warehouse	0.50	0.10	0.48	Local	By Road
Methylene di chloride	Liquid	warehouse	0.50	0.30	1.4	Local	By Road
Chlorzoxazone	Solid	warehouse	1.5	1.00	1.00	Local	By Road

## 52.Any Other Information


No Information Available

## 53.Traffic Management

  
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	<b>Nos. of the junction to the main road &amp; design of confluence:</b>	Not Applicable
<b>Parking details:</b>	<b>Number and area of basement:</b>	Not Applicable
	<b>Number and area of podia:</b>	Not Applicable
	<b>Total Parking area:</b>	219 Sq. Mtr.
	<b>Area per car:</b>	Not Applicable
	<b>Area per car:</b>	Not Applicable
	<b>Number of 2-Wheelers as approved by competent authority:</b>	Not Applicable
	<b>Number of 4-Wheelers as approved by competent authority:</b>	Not Applicable
	<b>Public Transport:</b>	Not Applicable
	<b>Width of all Internal roads (m):</b>	6 m. with turning radius of 9 m.
	<b>CRZ/ RRZ clearance obtain, if any:</b>	Not Applicable
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	No such areas within 10 km radius circle.
	<b>Category as per schedule of EIA Notification sheet</b>	5 (f) B1
	<b>Court cases pending if any</b>	Not Applicable
	<b>Other Relevant Informations</b>	Not Applicable
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	28-11-2018

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	Not Applicable
<b>Water Budget</b>	Not Applicable
<b>Waste Water Treatment</b>	Not Applicable
<b>Drainage pattern of the project</b>	Not Applicable

  
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<b>Ground water parameters</b>	Not Applicable
<b>Solid Waste Management</b>	Not Applicable
<b>Air Quality &amp; Noise Level issues</b>	Not Applicable
<b>Energy Management</b>	Not Applicable
<b>Traffic circulation system and risk assessment</b>	Not Applicable
<b>Landscape Plan</b>	Not Applicable
<b>Disaster management system and risk assessment</b>	Not Applicable
<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	Not Applicable
<b>Any other issues related to environmental sustainability</b>	Not Applicable
<b>Brief information of the project by SEAC</b>	

SEAC-AGENDA-0000000256

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 during 158th meeting of SEAC-1 held on 02.01.2019 wherein ToR was granted to the PP for the preparation of EIA /EMP report along with additional points,

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.

Now PP submitted EIA/EMP report.

### DECISION OF SEAC

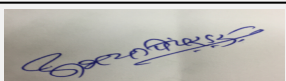
After detailed deliberations with the PP and their accredited consultant, SEAC-1 decided to defer the proposal till submission of compliance of following points,

#### Specific Conditions by SEAC:

- 1) PP to submit revised layout showing vehicle movements plan, and adequate parking space within the plot area.
- 2) PP to submit revised contour map along with storm water drain and its calculations.
- 3) PP to submit detailed safety management plan to carry out safe demolition of existing structures along with necessary work permits procedures.
- 4) PP to include all the processes, activities in the HAZOP and submit revised HAZOP reports along with recommendations and proposed safety measures.
- 5) PP to submit detailed report on identified inland surface water baseline parameters in comparison with standard limits.
- 6) PP to submit point wise compliance of standard ToR points.
- 7) PP to include all above points in the EIA/EMP report and submit revised EIA/EMP report.
- 8) PP to prepare and submit CER plan in consultation with the District Authorities as per OM issued by MoEF&CC dated 01.05.2018.

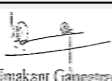
### FINAL RECOMMENDATION

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

  
**Abhay Pimparkar (Secretary  
SEAC-I)**

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(Chairman SEAC-I)**


## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019

**Subject:** Environment Clearance for proposed project for expansion in existing products & addition of new products for manufacturing of Active Pharmaceutical Ingredients & intermediates at existing unit of Laxachem Organics Private Limited at Plot No.: D-2, MIDC area Amravati, Dist. Amravati, Maharashtra 444607.


**Is a Violation Case:** No

1.Name of Project	Proposed project of expansion in existing products & addition of new products for manufacturing of Active Pharmaceutical Ingredients & intermediates by Laxachem Organics Private Limited at existing unit at Plot No.: D-2, MIDC area Amravati, Dist. Amravati, Maharashtra 444607.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Paresh J. Raja
4.Name of Consultant	Goldfinch Engineering Systems Private Limited
5.Type of project	Industrial- Manufacturing of Active Pharmaceutical Ingredients & intermediates
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	No
8.Location of the project	MIDC Amravati
9.Taluka	AMRAVATI
10.Village	AMRAVATI
Correspondence Name:	Mr. Paresh J. Raja
Room Number:	Plot No. D-2
Floor:	--
Building Name:	--
Road/Street Name:	MIDC- Amravati
Locality:	MIDC- Amravati
City:	Amravati
11.Area of the project	MIDC Amravati
12.IOD/IOA/Concession/Plan Approval Number	Not applicable IOD/IOA/Concession/Plan Approval Number: Not applicable Approved Built-up Area: 4400
13.Note on the initiated work (If applicable)	Not applicable (Already existing unit)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	4400
16.Deductions	Not applicable
17.Net Plot area	4400
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 4400 b) Non FSI area (sq. m.): Not applicable c) Total BUA area (sq. m.): 2349.9
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 4400 Approved Non FSI area (sq. m.): Not applicable Date of Approval: 30-03-2019
19.Total ground coverage (m2)	1583.31
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	35.98
21.Estimated cost of the project	132700000

  
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(Chairman SEAC-I)

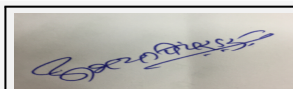


## 22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable
2	Not applicable	Not applicable	Not applicable
3	Not applicable	Not applicable	Not applicable
4	Not applicable	Not applicable	Not applicable
<b>23. Number of tenants and shops</b>		Not applicable	
<b>24. Number of expected residents / users</b>		Not applicable	
<b>25. Tenant density per hectare</b>		Not applicable	
<b>26. Height of the building(s)</b>			
<b>27. Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>		9 M	
<b>28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>		9 M	
<b>29. Existing structure (s) if any</b>		Yes, Existing Manufacturing Unit	
<b>30. Details of the demolition with disposal (If applicable)</b>		Not applicable	

## 31. Production Details

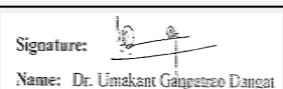
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Methyl Paraben	6 T/A	114 T/A	120 T/A
2	Propyl Paraben	6 T/A	30 T/A	36 T/A
3	Sodium Methyl paraben	30 T/A	210 T/A	240 T/A
4	Sodium Propyl Paraben	12 T/A	108 T/A	120 T/A
5	Chlorbutol	6 T/A	66 T/A	72 T/A
6	Propyl Gallate	0	24 T/A	24 T/A
7	Diocetyl Sodium Sulfo Succinate & Intermediates (Docusate Sodium)	0	648 T/A	648 T/A
8	Diocetyl Calcium Sulfo Succinate & intermediates	0	6 T/A	6 T/A



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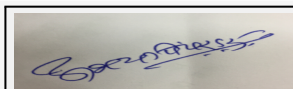
9	Diocetyl Potassium Sulfosuccinate & intermediates	0	6 T/A	6 T/A
10	Diamyl Sodium Sulfo Succinate & Intermediates	0	60 T/A	60 T/A
11	Methyl salicylate	0	120 T/A	120 T/A
12	Bronopol	0	36 T/A	36 T/A
13	TOTAL	60 T/A	1428 T/A	1488 T/A

### 32.Total Water Requirement

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

### 33.Details of Total water consumed

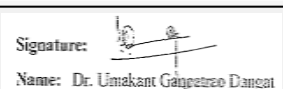
Particulars	Consumption (CMD)	Loss (CMD)	Effluent (CMD)
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Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	1.5	1.5	3	0.9	0.2	1.1	0.6	1.3	1.9
Industrial Process	2	3.1	5.1	1.1	0.4 (+0.2 reaction water, -0.6 from washings)	1.5	0.9	2.7	3.6
Cooling tower & thermopack	2	119	121	1.2	104.8	106	0.8	14.2	15
Gardening	0	8	8	0	8	8	0	0	0
Fresh water requirement	5.5	131.6	137.1	3.2	113.4	116.6	2.3	18.2	20.5
Fresh water requirement	Additional live steam condensate from MEE	--	--	--	--	--	--	--	2.6
Fresh water requirement	Water Recycled	---	20.5+2.6 = 23.1	--	--	--	--	--	--
Fresh water requirement	Total fresh water required 2nd day onwards	--	114	--	--	--	--	--	--


<b>34. Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	5-10 m
	<b>Size and no of RWH tank(s) and Quantity:</b>	10 m <sup>3</sup> , 1 No.
	<b>Location of the RWH tank(s):</b>	Near Fire Hydrant plant
	<b>Quantity of recharge pits:</b>	Not applicable
	<b>Size of recharge pits:</b>	Not applicable
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 80000/-
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 2000/- PA
	<b>Details of UGT tanks if any :</b>	i) Water Tank - 1 Lack liters (Water storage for Fire Hydrant system) ii) Solvent storage tank;- 20 ltr (Methanol)

<b>35. Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Adequate and separate storm water drains will be provided as per natural slopes.
	<b>Quantity of storm water:</b>	31 Lit/Sec
	<b>Size of SWD:</b>	0.3 m X 0.3 m

  
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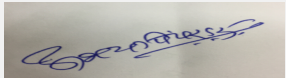
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	1.9 CMD
	<b>STP technology:</b>	Domestic sewage will be treated in secondary treatment of ETP
	<b>Capacity of STP (CMD):</b>	Not Applicable
	<b>Location &amp; area of the STP:</b>	Not Applicable
	<b>Budgetary allocation (Capital cost):</b>	Not Applicable
	<b>Budgetary allocation (O &amp; M cost):</b>	Not Applicable

### 36.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Not Applicable
	<b>Disposal of the construction waste debris:</b>	Not Applicable
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	• Discarded Drums= 1800 Nos./A
	<b>Wet waste:</b>	• ETP sludge = 42.24 TPA • Spent Solvents= 204 TPA • Process residue = 11.0 TPA • Evaporator salts = 13.2 TPA • Spent carbon from ETP = 3.0 TPA • Carbon from process = 8.4 TPA
	<b>Hazardous waste:</b>	• ETP sludge = 42.24 TPA • Evaporator Salts= 13.2 TPA • Spent Carbon from ETP= 3.0 TPA • Spent Solvents= 204 TPA • Process residue = 11.0 TPA • Carbon from process = 8.4 TPA
	<b>Biomedical waste (If applicable):</b>	0.01 T/A
	<b>STP Sludge (Dry sludge):</b>	Not applicable
	<b>Others if any:</b>	• Discarded Drums= 1800 Nos./A • Waste paper, Sweeping material = 0.24 TPA • Plastic bags = 0.6 TPA • Ash from Boiler= 835.44 TPA • E-Waste = 0.12 TPA • Battery waste = 0.12 TPA • Biomedical waste = 0.01 TPA
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	CHWTSDF/ sale to authorized vendor
	<b>Wet waste:</b>	CHWTSDF / sale to authorized vendor
	<b>Hazardous waste:</b>	CHWTSDF/sale to authorized vendor
	<b>Biomedical waste (If applicable):</b>	Biomedical Waste will be disposed by appointed Doctors
	<b>STP Sludge (Dry sludge):</b>	Not Applicable
	<b>Others if any:</b>	Sale to authorized dismantlers/Recyclers.
<b>Area requirement:</b>	<b>Location(s):</b>	Near ETP area
	<b>Area for the storage of waste &amp; other material:</b>	Area for the storage of Hazardous waste 12 Sq.m.
	<b>Area for machinery:</b>	Not applicable
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 0.5 Lac
	<b>O &amp; M cost:</b>	Rs. 3 Lac/A


### 37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Flow	CMD	20.5	20.5	--

  
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2	pH	--	6.0-7.0	7.0-8.0	6.5- 8.5
3	BOD <sub>3,27°C</sub>	mg/lit	30000-35000	< 100	< 100
4	COD	mg/lit	65000-70000	< 250	< 250
5	TDS	mg/lit	4000-4500	< 2100	< 2100
6	TSS	mg/lit	400-500	< 100	< 100
Amount of effluent generation (CMD):		20.5 CMD (18.6 Trade + 1.9 Domestic)			
Capacity of the ETP:		Existing capacity 1.7CMD will be upgraded to 25 CMD			
Amount of treated effluent recycled :		23.1 CMD ( 20.5 CMD total effluent + 2.6 CMD live steam condensate)			
Amount of water send to the CETP:		Nil, ZLD Unit			
Membership of CETP (if require):		Not Applicable			
Note on ETP technology to be used		High COD stream from process will be treated by anaerobic treatment separately. Treated effluent will be mixed with utility blowdown and Domestic wastewater in secondary as a combined treatment. Treated effluent will be fed to RO. Permeate will be reused and reject will be fed to Evaporator. Thus unit will be run on ZLD scheme.			
Disposal of the ETP sludge		CHWTSDF			


### 38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Spent Solvents	28.6	T/A	--	204	204	Sale to MPCB authorized
2	Carbon from process	28.1	T/A	--	8.4	8.4	To CHWTSDF
3	Process residue	20.3	T/A	--	11.0	11.0	To CHWTSDF/ Sales to authorized vendor
4	ETP Sludge	35.3	T/A	0.36	41.88	42.24	To CHWTSDF
5	Evaporator salts	35.3	T/A	--	13.2	13.2	To CHWTSDF
6	Spent Carbon from ETP	35.3	T/A	--	3	3	To CHWTSDF
7	Discarded drums	33.3	Nos./A	600	1200	1800	Sale to authorized dismantlers / Recyclers.
8	Other waste:	--	--	--	--	--	--
9	E-Waste	--	T/A	--	0.12	0.12	Sale to authorized dismantlers/ Recyclers
10	Battery waste	--	T/A	--	0.12	0.12	Returned to battery manufacturer through authorized dealer on buy back procurement
11	Biomedical waste	--	T/A	--	0.01	0.01	Authorized Biomedical Waste disposal facility.
12	Non- Hazardous Waste:	--	--	--	--	--	--
13	Waste paper	--	T/A	0.12	0.12	0.24	Sale
14	Plastic bags	--	T/A	0.24	0.36	0.6	Reuse/sale to authorized party
15	Ash from Boiler	--	T/A	1.44	834	835.44	Sale to Brick Manufacturer/cement industry

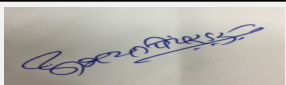
  
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39.Stacks emission Details						
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Existing Boiler 1 TPH	Briquette 3 TPD	1	11	250	125o C
2	Proposed Boiler 2 TPH	Briquette/coal 6 TPD	1	30	250	125o C
3	DG Set 200 KVA	55 Lit/hr.	1	3 M above enclosure	200	140o C
40.Details of Fuel to be used						
Serial Number	Type of Fuel	Existing	Proposed	Total		
1	Briquettes	3 TPD	6 TPD	9 TPD		
2	Coal	--	6 TPD	6 TPD		
3	HSD	--	55 Lit/hr	55 Lit/hr		
41.Source of Fuel		Local				
42.Mode of Transportation of fuel to site		road via truck				
43.Green Belt Development						
		<b>Total RG area :</b>	1406.7 Sq. m			
		<b>No of trees to be cut :</b>	No			
		<b>Number of trees to be planted :</b>	Existing 50 Nos already planted and proposed 160 Nos will be planted			
		<b>List of proposed native trees :</b>	Banyan, Pipal, Neem, Kadamb, etc.			
		<b>Timeline for completion of plantation :</b>	within 3 to 4 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	Terminalia arjuna	Arjun	10	Pollution resistant and Native		
2	Bauhinia racemosa	Apta	20	Pollution resistant and Native		
3	Ficus benghalensis	Banyan	15	Pollution resistant and Native		
4	Ficus religiosa	Pimpal	15	Pollution resistant and Native		
5	Cassia fistula	Amaltas	10	Pollution resistant and Native		
6	Azadirachta indica	Kaduneem	20	Pollution resistant and Native		
7	Plumeria alba	Chafa	20	Pollution resistant and Native		
8	Neolamarckia cadamba	Kadamb	15	Pollution resistant and Native		
9	Teminalia tomentosa	Ain	10	Pollution resistant and Native		
10	Lagerstroemia speciosa	Taman	10	Pollution resistant and Native		
11	Ficus Elastica	Rubber	15	Pollution resistant and Native		
45.Total quantity of plants on ground						
46.Number and list of shrubs and bushes species to be planted in the podium RG:						

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

### 47. Energy

<b>Power requirement:</b>	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	--
	DG set as Power back-up during construction phase	Not Applicable
	During Operation phase (Connected load):	Existing Sanction Load: 100 KW Additional required: 250 KW Total: 350 KW
	During Operation phase (Demand load):	Total: 350 KW
	Transformer:	Existing - 200 KW (MSEDCL)
	DG set as Power back-up during operation phase:	Proposed: 1 DG set of 200 KVA
	Fuel used:	HSD 55 Lit/hr. at full load
	Details of high tension line passing through the plot if any:	Not Applicable

### 48. Energy saving by non-conventional method:

(25KVA x 2Nos) Suitable for 60 KWp with Wide MPPT Range and Minimum Peak Efficiency of 98.3% at MPPT DC input Inverters will be selected to achieve max generation.

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

Serial Number	Energy Conservation Measures	Saving %
1	Solar Power	60 Kw

### 50. Details of pollution control Systems


Source	Existing pollution control system	Proposed to be installed
Air	Stack of adequate height	Multi-cyclone followed by Bag filter and Stack of adequate height
Water	ETP	ETP, RO & Evaporator
Noise	Acoustic enclosure for DG set	Acoustic enclosure for DG set
Solid Waste	Disposal to CHWTSDF	Disposal to CHWTSDF

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	Capital cost:	Rs. 112 Lac
	O & M cost:	Rs. 54.5 Lac/A

### 51. Environmental Management plan Budgetary Allocation


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

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
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1	Not Applicable	Not Applicable	Not Applicable	
<b>b) Operation Phase (with Break-up):</b>				
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air pollution control	Multi-cyclone followed by Bag filter and Stack of adequate height	10	0.5
2	Water pollution control	Effluent Treatment Plant, RO & Multi Effect Evaporator	100	50
3	Noise pollution Control	Acoustic enclosure and regular maintenance	1.0	0.5
4	Occupational health	Medical checkup, Health insurance policy, Medical staff charges, First aid facilities, consumables, In-house first aid room, Other infrastructure and Equipment	1.5	1.0
5	Environmental Monitoring budget	Environmental Monitoring	-	1.5
6	Hazardous waste Storage & disposal	Storage, Transportation and disposal	1	3.5
7	Green belt	Development & Maintenance	3.0	1.0
8	Mitigation Measures for LCA (Installation of solar Panels)	--	30	0.5
9	Carbon Footprint Monitoring (Measures taken to reduce carbon footprint)	<ul style="list-style-type: none"> <li>• Installation of solar Panels* for reduction of consumption of electricity which indirectly reduce carbon footprint.</li> <li>• Tree plantation*,</li> <li>• Reduction of fuel consumption by using well efficient insulation to heating equipment.</li> </ul>	0.8	0.1
10	Water Footprint Monitoring (Measures taken to reduce water footprint)	<ul style="list-style-type: none"> <li>• Rain water harvesting &amp; use of rain water in utilities &amp; domestic</li> <li>• Recycle &amp; reuse of treated waste water** in utilities</li> <li>• Regular maintenance of equipments to reduce wastage of water due to leaks</li> </ul>	1.5	0.5
11	Total	--	148.8	59.1

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

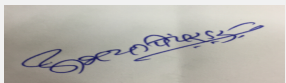
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Toluene	Liquid	Drums	0.2 M3	3 M3	0.367 M3	local	road
Acetone	Liquid	Drums	0.2 M3	2 M3	0.200 M3	local	road
Chloroform	Liquid	Drums	0.3 M3	2.1 M3	0.220 M3	local	road
Caustic potash	Solid	Bags	0.05 MT	0.5 MT	0.024 MT	local	road
Para Hydroxy Benzoic Acid	Solid	Bags	0.025 MT	24 MT	1.113 MT	local	road
Methanol	Liquid	Tank	18 M3	18 M3	1.830 M3	local	road
Caustic soda	Solid	Bags	0.025 MT	1.5 MT	0.230 MT	local	road
Calcium Chloride	Solid	Bags	0.025 MT	0.15 MT	0.0025 MT	local	road
N-propanol	Liquid	Drums	0.2 M3	2 M3	0.217 M3	local	road
Di-Octyl maleate	Liquid	Drums	0.2 MT	10 MT	1.827 MT	local	road
Sodium Bisulphite	Solid	Bags	0.025 MT	5 MT	0.511 MT	local	road
Activated Carbon	Solid	Bags	0.03 MT	0.3 MT	0.020 MT	local	road
Para Toluene Sulphonic Acid	Solid	Bags	0.05 MT	0.5 MT	0.0555 MT	local	road
Potassium Bisulphite	Solid	Bags	0.025 MT	0.1 MT	0.005 MT	local	road
Gallic Acid	Solid	Bags	0.025 MT	2 MT	0.056 MT	local	road
2Bromo2Nitro1,3 Propanediol	Solid	Bags	0.025 MT	2 MT	0.100 MT	local	road
Salicylic acid	Solid	Bags	0.025 MT	3 MT	0.316 MT	local	road
Di-amyl Maleate	Liquid	Drums	0.2 MT	1 MT	0.052 MT	local	road
Sodium Benzoate	Solid	Bags	0.5 MT	0.5 MT	0.05 MT	local	road

### 52.Any Other Information

No Information Available


### 53.Traffic Management

<b>Nos. of the junction to the main road &amp; design of confluence:</b>	Not Applicable
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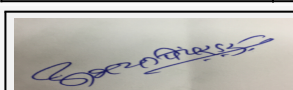
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<b>Parking details:</b>	<b>Number and area of basement:</b>	Not Applicable
	<b>Number and area of podia:</b>	Not Applicable
	<b>Total Parking area:</b>	201 Sq.m.
	<b>Area per car:</b>	Not Applicable
	<b>Area per car:</b>	Not Applicable
	<b>Number of 2-Wheelers as approved by competent authority:</b>	Not Applicable
	<b>Number of 4-Wheelers as approved by competent authority:</b>	Not Applicable
	<b>Public Transport:</b>	Not Applicable
	<b>Width of all Internal roads (m):</b>	6 m with turning radius of 9m
	<b>CRZ/ RRZ clearance obtain, if any:</b>	Not Applicable
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	No such areas within 10 km radius circle.
	<b>Category as per schedule of EIA Notification sheet</b>	5 (f) B1
	<b>Court cases pending if any</b>	Nil
	<b>Other Relevant Informations</b>	Nil
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	23-11-2018

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS


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



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<b>Air Quality &amp; Noise Level issues</b>	Not Applicable
<b>Energy Management</b>	Not Applicable
<b>Traffic circulation system and risk assessment</b>	Not Applicable
<b>Landscape Plan</b>	Not Applicable
<b>Disaster management system and risk assessment</b>	Not Applicable
<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	Not Applicable
<b>Any other issues related to environmental sustainability</b>	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 during 158th meeting of SEAC-1 held on 02.01.2019 wherein ToR was granted to the PP for the preparation of EIA /EMP report.

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.

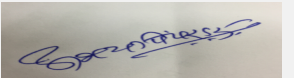
The validity of the TOR will be for three years as per OM issued by MoEF and CC on 29.08.2017.

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.


Now PP submitted EIA/EMP report for appraisal.

### DECISION OF SEAC

  
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After detailed deliberations with the PP and their accredited consultant, SEAC-1 decided to defer the proposal till submission of compliance of following points,


**Specific Conditions by SEAC:**

- 1) PP to include impact of transportation on the Global Warming potential and include the same in the Life Cycle Analysis along with proposed mitigation measures.
- 2) PP to submit point wise compliance of standard ToR points.
- 3) PP to prepare CER plan in consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.2018.
- 4) PP to include all above points in the EIA/EMP report and submit revised EIA/EMP reports.

**FINAL RECOMMENDATION**


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

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**Dr. Umakant Dangat  
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## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Environment Clearance for Stone Quarry of Mr. Baldev Chhaganlal Khungar ,Gut No.204 Part,Mauza Narsala , Tq. Maregaon, Dist . Yavatmal,Area- 1.21 Ha,20° 7'12.45"N, 78°45'36.96"E

**Is a Violation Case:** No

<b>1.Name of Project</b>	Environment Clearance for Stone Quarry of Mr. Baldev Chhaganlal Khungar ,Gut No.204 Part,Mauza Narsala , Tq. Maregaon, Dist . Yavatmal,Area- 1.21 Ha
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr. Baldev Chhaganlal Khungar
<b>4.Name of Consultant</b>	ENVIRO TECHNO CONSULT PVT LTD. ,NAGPUR
<b>5.Type of project</b>	Mining of Minor Minerals
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	No
<b>8.Location of the project</b>	Gut No.204 Part,
<b>9.Taluka</b>	Maregaon
<b>10.Village</b>	Narsala
<b>Correspondence Name:</b>	Mr. Baldev Chhaganlal Khungar ,Gut No.204 Part,Narsala,Tq Maregaon., Dist Yavatmal,
<b>Room Number:</b>	Gut No.204 Part
<b>Floor:</b>	Gut No.204 Part
<b>Building Name:</b>	Gut No.204 Part
<b>Road/Street Name:</b>	Narsala
<b>Locality:</b>	Narsala
<b>City:</b>	Narsala
<b>11.Area of the project</b>	Grampanchayat
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Mining Plan <b>IOD/IOA/Concession/Plan Approval Number:</b> Mining Plan Approval-MA/MP/170III/2017-18/14 dated 03.1.2019 <b>Approved Built-up Area:</b> 12100
<b>13.Note on the initiated work (If applicable)</b>	Not applicable
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	LOI ISSUED BY DISTRICT COLLECTOR YAVATMAL
<b>15.Total Plot Area (sq. m.)</b>	12100
<b>16.Deductions</b>	Not applicable
<b>17.Net Plot area</b>	12100
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	a) FSI area (sq. m.): Not applicable b) Non FSI area (sq. m.): Not applicable c) Total BUA area (sq. m.): 12100
<b>18 (b).Approved Built up area as per DCR</b>	Approved FSI area (sq. m.): Not applicable Approved Non FSI area (sq. m.): Not applicable Date of Approval: 03-01-2019
<b>19.Total ground coverage (m2)</b>	Not applicable
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	Not applicable
<b>21.Estimated cost of the project</b>	3500000


## 22.Number of buildings & its configuration




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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))	12			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	6			
29.Existing structure (s) if any	Not applicable			
30.Details of the demolition with disposal (If applicable)	Not applicable			
<b>31.Production Details</b>				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Stone, Murrum (Minor Mineral)	0	53475 TPA ,6677 BRASS/ANNUM	53475 TPA ,6677 BRASS/ANNUM
<b>32.Total Water Requirement</b>				


  
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Dry season:	Source of water	2							
	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) :	2							
	Fire fighting - Underground water tank(CMD):	Not applicable							
	Fire fighting - Overhead water tank(CMD):	Not applicable							
	Excess treated water	Not applicable							
Wet season:	Source of water	Not applicable							
	Fresh water (CMD):	Not applicable							
	Recycled water - Flushing (CMD):	Not applicable							
	Recycled water - Gardening (CMD):	Not applicable							
	Swimming pool make up (Cum):	Not applicable							
	Total Water Requirement (CMD) :	Not applicable							
	Fire fighting - Underground water tank(CMD):	Not applicable							
	Fire fighting - Overhead water tank(CMD):	Not applicable							
	Excess treated water	Not applicable							
Details of Swimming pool (If any)	Not applicable								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	0.540	0.540	0	0.540	0.540	0	0	0
Gardening	0	1.460	1.460	0	1.460	1.460	0	0	0

  
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<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	17 M
	<b>Size and no of RWH tank(s) and Quantity:</b>	Not Applicable
	<b>Location of the RWH tank(s):</b>	Not Applicable
	<b>Quantity of recharge pits:</b>	01
	<b>Size of recharge pits :</b>	Mine pit will act as recharge pit
	<b>Budgetary allocation (Capital cost) :</b>	0
	<b>Budgetary allocation (O &amp; M cost) :</b>	0
	<b>Details of UGT tanks if any :</b>	NOT APPLICABLE

<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Strom water drain of 1m width x 1m depth x along peripheral length is proposed along peripheral area with safty barrier as per natrual drain slopes
	<b>Quantity of storm water:</b>	14520
	<b>Size of SWD:</b>	1m x1m along the peripheral length

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	0.40
	<b>STP technology:</b>	Biotoilet proposed adjacent to ML area
	<b>Capacity of STP (CMD):</b>	0.40
	<b>Location &amp; area of the STP:</b>	Biotoilet proposed adjacent to ML area
	<b>Budgetary allocation (Capital cost):</b>	195000
	<b>Budgetary allocation (O &amp; M cost):</b>	50000

### 36.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Not Applicable
	<b>Disposal of the construction waste debris:</b>	Not Applicable
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	Being Minor Mineral all the mined out material is saleable/usable. Top Soil layer is very thin and negligible and will be utilized for peripheral plantation proposed within safetyb barrier
	<b>Wet waste:</b>	0
	<b>Hazardous waste:</b>	0
	<b>Biomedical waste (If applicable):</b>	0
	<b>STP Sludge (Dry sludge):</b>	Not applicable
	<b>Others if any:</b>	Not applicable



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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Being Minor Mineral all the mined out material is saleable/usable. Top Soil layer is very thin and negligible and will be utilized for peripheral plantation proposed within safety barrier
	<b>Wet waste:</b>	Not Applicable
	<b>Hazardous waste:</b>	Not applicable
	<b>Biomedical waste (If applicable):</b>	Not applicable
	<b>STP Sludge (Dry sludge):</b>	Not applicable
	<b>Others if any:</b>	Not applicable
<b>Area requirement:</b>	<b>Location(s):</b>	Not Applicable, being all material is saleable/usable and stock will be temporary in nature within lease hold area
	<b>Area for the storage of waste &amp; other material:</b>	Not Applicable, being all material is saleable/usable and stock will be temporary in nature within lease hold area
	<b>Area for machinery:</b>	Not Applicable, being all material is saleable/usable and stock will be temporary in nature within lease hold area
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	0
	<b>O &amp; M cost:</b>	0

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	Not applicable	0	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		0			
Capacity of the ETP:		0			
Amount of treated effluent recycled :		Not applicable			
Amount of water sent to the CETP:		Not applicable			
Membership of CETP (if require):		No			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			

### 38. Hazardous Waste Details


Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	0	0	0	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	0	0	Not applicable	Not applicable	Not applicable


### 40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

  
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41.Source of Fuel		Not applicable		
42.Mode of Transportation of fuel to site		Not applicable		
<b>43.Green Belt Development</b>	<b>Total RG area :</b>	3531		
	<b>No of trees to be cut :</b>	0		
	<b>Number of trees to be planted :</b>	2700		
	<b>List of proposed native trees :</b>	Neem,Bamboo ,PEEPAL tree		
	<b>Timeline for completion of plantation :</b>	5 YEARS		
<b>44.Number and list of trees species to be planted in the ground</b>				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	NEEM	NEEM	1200	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE
2	Peepal	Peepal	500	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE
3	Bamboo	Bamboo	500	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE
4	Karanj	Karanj	500	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE
<b>45.Total quantity of plants on ground</b>				
<b>46.Number and list of shrubs and bushes species to be planted in the podium RG:</b>				
Serial Number	Name	C/C Distance	Area m2	
1	Not applicable	Not applicable	Not applicable	
<b>47.Energy</b>				

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

#### 48. Energy saving by non-conventional method:

Power is required for lighting purpose only. All lights will be LED lights only of suitable wattage

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

Serial Number	Energy Conservation Measures	Saving %
1	LED LIGHTS WILL BE USED FOR LIGHTING	35

#### 50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
DUST HAUL ROAD	Not applicable	WATER TANKER
DUST HAUL ROAD, DURING MINING OPERATIONS	Not applicable	SPRINKLERS
VEHICLES	Not applicable	WITH VALID PUC
DUST DURING MINING, TRANSPORT, LOADING	Not applicable	GREEN BELT DEVELOPMENT

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	35000
	<b>O &amp; M cost:</b>	5000


#### 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)
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1	Particulate Matter	MAINTENANCE OF ROAD	3.0	0.50
2	Particulate Matter	GREEN BELT DEVELOPMENT	0.35	0.25
3	Particulate Matter	TRAFFIC MANAGEMENT	0	1.20
4	Particulate Matter	DUST SUPPRESSION	0	2.40
5	Particulate Matter	HOUSEKEEPING ACTIVITIES,	0.20	0.25
6	Particulate Matter	MONITROING ENV PARAMETER	0.00	1.00
7	SAFTEY	FENCING	2.00	0.15
8	OHS	SAFTY EQUIPMENTS	0.35	1.012
9	OHS	SIX MONTHLY HEALTH CHECK UP	0.00	0.30
10	OHS	FACILITY OF TOILETS, FIRST AID	1.95	0.80
11	FMCP PREPAREDNESS	FMCP FUND ALLOCATION YEARWISE	0	1.00
12	SAFTY	SIGNAGES	0	0.15

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

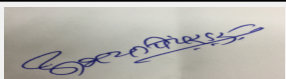
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	0	0	0	Not applicable	Not applicable

### 52.Any Other Information

No Information Available


### 53.Traffic Management

Nos. of the junction to the main road & design of confluence:	0
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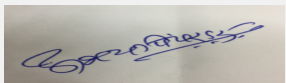
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Parking details:	Number and area of basement:	0
	Number and area of podia:	0
	Total Parking area:	0
	Area per car:	0
	Area per car:	0
	Number of 2-Wheelers as approved by competent authority:	0
	Number of 4-Wheelers as approved by competent authority:	0
	Public Transport:	0
	Width of all Internal roads (m):	6
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	27.70
	Category as per schedule of EIA Notification sheet	1a B2
	Court cases pending if any	No
	Other Relevant Informations	20° 7'12.45"N, 78°45'36.96"E 20° 7'18.40"N , 78°45'40.09"E 20° 7'17.62"N , 78°45'41.92"E 20° 7'11.54"N , 78°45'38.75"E
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-


## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
<b>Water Budget</b>	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
<b>Waste Water Treatment</b>	PP proposes to provide movable toilets to the workers working in the mine area and sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB.
<b>Drainage pattern of the project</b>	PP to provide garland drains to collect the rain water in the mined pits.

  
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<b>Ground water parameters</b>	No ground water withdrawal is permitted in the proposed mine area.
<b>Solid Waste Management</b>	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.
<b>Air Quality &amp; Noise Level issues</b>	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.
<b>Energy Management</b>	The demand for energy will be 5HP which will be supplied by MSEDCL.
<b>Traffic circulation system and risk assessment</b>	PP to provide adequate load bearing capacity road for safe plying of the heavy vehicles transporting mined material.
<b>Landscape Plan</b>	PP proposes to develop green belt of 7.5 meter width as a safety zone with dry wall and barbed wire fencing. At the time of closure of the mine the mined pits will be created as water reservoirs with all necessary safety provisions.
<b>Disaster management system and risk assessment</b>	PP proposes to provide medical aid facility on the site. DGM approved mine mate will be appointed by the PP.
<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
<b>Any other issues related to environmental sustainability</b>	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.
<b>Brief information of the project by SEAC</b>	

SEAC-AGENDA-000000255

PP submitted their application 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 1.21 ha at Mauza Narsala Gut No. 204 (p) , Taluka Aregaon, District Yawatmal.

MoEF&CC issued amendment to the EIA Notification dated 15<sup>th</sup> January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0-5 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 15<sup>th</sup> 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 13<sup>th</sup> September, 2018 directed MoEF&CC as below,

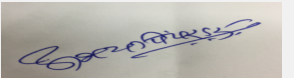
*"to take appropriate steps to revise the procedure laid down in the impugned Notification dated 15<sup>th</sup> January, 2016."*

Further the grievance on non-compliance of above order dated 13.09.2018 was brought to the notice of Hon'ble National Green Tribunal. In view of this, Hon'ble National Green Tribunal passed an order dated 11<sup>th</sup> December, 2018 with following direction,

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


In view of above orders of Hon'ble National Green Tribunal, New Delhi, SEAC-1 decided to appraise the proposal of stone quarry as per EIA Notification dated 14.09.2006 amended from time to time.

## DECISION OF SEAC

  
Abhay Pimparkar (Secretary  
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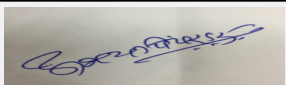
SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14<sup>th</sup> September, 2006, 15<sup>th</sup> January, 2016, and 14<sup>th</sup> August, 2018 and O.M. issued by MoEF&CC dated 18.05.2012 with respect to the procedure 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 and documents presented by the Project Proponent.

After detailed deliberations with the PP and their consultant, SEAC-1 decided to recommend the proposal for prior Environment Clearance to the SEIAA subject to the following conditions.


**Specific Conditions by SEAC:**

- 1) 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.
- 2) PP to keep 7.5 meter free safety zone all around the proposed mine area and develop it in to the green belt within a year of the commencement of the activities on site.
- 3) PP to obtain all necessary NOC's/Permissions from the competent Authority before commencing any work on proposed site.
- 4) 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.
- 5) PP to ensure no stream is diverted due to proposed quarrying activity.
- 6) 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.
- 7) PP to provide adequate measures to ensure the stability of the benches formed during mining activity to ensure safety of the people.
- 8) PP to provide adequate channels to guide the rain water to reach the mined pit and to avoid any unforeseen incident.
- 9) 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.
- 10) 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.
- 11) PP to ensure that there is no damage to any fauna and its nesting close to the proposed mining area.
- 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) No mining shall be carried out in the vicinity of natural/manmade archeological sites.
- 14) PP to ensure that no wild life habitat is infringed.
- 15) PP to ensure that parking shall not be made on Public roads. Parking shall be on pre decided place only.
- 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 prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC on 01.05.2018.
- 18) PP to appoint qualified fore man/fore mate as a Mine Manager approved by Director General of Mines to ensure safety of the staff/labors appointed at mine site.
- 19) 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.
- 20) PP to carry out multiple air monitoring on the nearest habitat and agricultural sites to ascertain the impact of air pollution due to proposed mining activity and to provide adequate mitigation measures.
- 21) PP to ensure use of Jackhammer drilling in proposed quarry. The jackhammer drills produces more noise and do not have inbuilt water injection system. PP to ensure protective measures are provided to reduce noise exposure and dust emission due to drilling and blasting activity.
- 22) 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.
- 23) PP to provide First Aid facility at the proposed mining site.
- 24) The digital processing of the entire lease area in the district using remote sensing technique including GPS shall be monitored regularly.

  
**Abhay Pimparkar (Secretary  
SEAC-I)**

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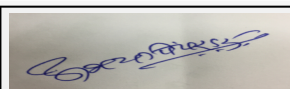
Signature:   
Name: Dr. Umakant Dangat  
**Dr. Umakant Dangat  
(Chairman SEAC-I)**



## FINAL RECOMMENDATION

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

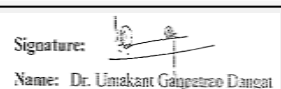
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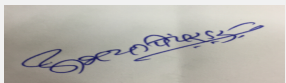
## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Environmental Clearance (EC) of proposed modernization with expansion project in existing products with deletion of some of the existing products & addition of new products for manufacturing of Chemical Intermediates by Gitanjali Chemicals Pvt. Ltd. at Plot No.: F-35, MIDC Area Jalgaon, Maharashtra 425 003.


**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed modernization with expansion project in existing products with deletion of some of the existing products & addition of new products for manufacturing of Chemical Intermediates by Gitanjali Chemicals Pvt. Ltd. at Plot No.: F-35, MIDC Area Jalgaon, Maharashtra 425 003.
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr. Gaurav Mohatta, Gitanjali Chemicals Pvt. Ltd.
<b>4.Name of Consultant</b>	Goldfinch Engineering Systems Private Limited
<b>5.Type of project</b>	Not applicable
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	Modernization with expansion project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	No. Environmental Clearance is not required for existing activity as after establishment Gitanjali have not done any expansion after EIA notification 2006
<b>8.Location of the project</b>	Plot No. F-35, MIDC Area Jalgaon, Maharashtra 425 003.
<b>9.Taluka</b>	Jalgaon
<b>10.Village</b>	Jalgaon
<b>Correspondence Name:</b>	Mr. Gaurav Mohatta
<b>Room Number:</b>	26/28 A
<b>Floor:</b>	Not Applicable
<b>Building Name:</b>	Not Applicable
<b>Road/Street Name:</b>	Cawasji Patel Street
<b>Locality:</b>	Fort
<b>City:</b>	Mumbai
<b>11.Area of the project</b>	MIDC area
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Not applicable <b>IOD/IOA/Concession/Plan Approval Number:</b> Not Applicable <b>Approved Built-up Area:</b> 5981
<b>13.Note on the initiated work (If applicable)</b>	For proposed expansion work will be initiated after getting EC
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Not applicable
<b>15.Total Plot Area (sq. m.)</b>	10400 Sq. m.
<b>16.Deductions</b>	Not applicable
<b>17.Net Plot area</b>	Not applicable
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 10400
	<b>b) Non FSI area (sq. m.):</b> Not applicable
	<b>c) Total BUA area (sq. m.):</b> 5981.00
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> Not applicable
	<b>Approved Non FSI area (sq. m.):</b> Not applicable
	<b>Date of Approval:</b> 25-04-2019
<b>19.Total ground coverage (m2)</b>	2882.04 Sq.m.
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	27.71
<b>21.Estimated cost of the project</b>	446136000

  
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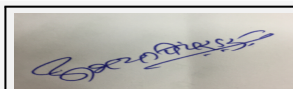
**Signature:**   
**Name: Dr. Umakant Dangat  
Dr. Umakant Dangat  
(Chairman SEAC-I)**

## 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	All existing structures viz. manufacturing unit, admin, ETP etc. will be demolished to align the modernization expansion project properly.		
30. Details of the demolition with disposal (If applicable)	Approximate quantities & demolition plan will be given in EIA report.		

## 31. Production Details

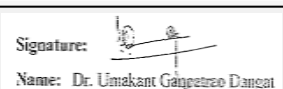
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Para Chloro Phenol	180.00 (TPA)	(+) 2220.00 (TPA)	2400.00 (TPA)
2	Chloro Phenol (MCP)	60.00 (TPA)	(-) 60.00 (TPA)	00.00 (TPA)
3	2, 2, 4 Tri Chloro Aceto Phenone	06.00 (TPA)	(-) 06.00 (TPA)	00.00 (TPA)
4	2, 4 Di Chloro Benzyl Chloride	02.40 (TPA)	(-) 02.40 (TPA)	00.00 (TPA)
5	Ortho Benzyl Para Chloro Phenol (P)	24.00 (TPA)	00.00 (TPA)	24.00 (TPA)
6	N-Phenyl N-Chloro Acetyl -2, 6 DI Chloro Aniline	120.00 (TPA)	(+) 36.00 (TPA)	156.00 (TPA)
7	Ortho Chloro Phenol	60.00 (TPA)	(+) 900.00 (TPA)	960.00 (TPA)
8	2-Phenyl Trio-5-Propionyl Phenyl Acetic Acid	12.00 (TPA)	(-) 12.00 (TPA)	00.00 (TPA)
9	Para Chloro Phenoxy Acetic Acid	01.20 (TPA)	(+) 10.80 (TPA)	12.00 (TPA)
10	3-5 DI Chloro Benzoyl Chloride	01.20 (TPA)	(-) 01.20 (TPA)	00.00 (TPA)



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11	Para Methyl Benzaldehyde	01.20 (TPA)	(-) 01.20 (TPA)	00.00 (TPA)
12	1-(2,6 DI Chloro Phenyl)-2-Indolinone	06.00 (TPA)	(-) 06.00 (TPA)	00.00 (TPA)
13	Para Xylene DI Methyl Ether	06.00 (TPA)	(-) 06.00 (TPA)	00.00 (TPA)
14	Chloro Xylenol-IP/BP/USP (PCMX)	12.00 (TPA)	(-) 12.00 (TPA)	00.00 (TPA)
15	Di Chloro Phene (BP)	24.00 (TPA)	(-) 24.00 (TPA)	00.00 (TPA)
16	Diclofenac Sodium IP/B/JP	24.00 (TPA)	(-) 24.00 (TPA)	00.00 (TPA)
17	Chloro Cresol (IP/BP) (Para Chloro Meta Cresol)	12.00 (TPA)	(-) 12.00 (TPA)	00.00 (TPA)
18	Anisole	120.00 (TPA)	(-) 120.00 (TPA)	00.00 (TPA)
19	4-Bromo Anisole	120.00 (TPA)	(-) 120.00 (TPA)	00.00 (TPA)
20	Hydrochloric Acid	120.00 (TPA)	(+) 4728.00 (TPA)	4848.00 (TPA)
21	2,4,6-Tri Chloro Phenol	00.00 (TPA)	24.00 (TPA)	24.00 (TPA)
22	Ortho Benzyl Para Chloro Phenol (L)	00.00 (TPA)	48.00 (TPA)	48.00 (TPA)
23	2,4 Di Chloro Phenol	00.00 (TPA)	360.00 (TPA)	360.00 (TPA)
24	4-Chloro-4-Hydroxy Benzophenone	00.00 (TPA)	120.00 (TPA)	120.00 (TPA)
25	4-Hydroxy Benzophenone	00.00 (TPA)	60.00 (TPA)	60.00 (TPA)
26	2, 6 Di Chloro Di Phenyl Amine	00.00 (TPA)	60.00 (TPA)	60.00 (TPA)
27	Total	912.00 (TPA)	8160.00 (TPA)	9072.00 (TPA)
28	New Products for Trading	--	--	--
29	Chloro Phenol (MCP)	00.00 (TPA)	60.00 (TPA)	60.00 (TPA)
30	4-Chloro Anisole	00.00 (TPA)	96.00 (TPA)	96.00 (TPA)
31	2-Methyl Anisole	00.00 (TPA)	36.00 (TPA)	36.00 (TPA)
32	3-Methyl Anisole	00.00 (TPA)	12.00 (TPA)	12.00 (TPA)
33	4-Methyl Anisole	00.00 (TPA)	12.00 (TPA)	12.00 (TPA)
34	2- Chloro Anisole	00.00 (TPA)	24.00 (TPA)	24.00 (TPA)
35	4-Chloro Acetophenone	00.00 (TPA)	48.00 (TPA)	48.00 (TPA)
36	2-Bromo 4' Chloro Acetophenone	00.00 (TPA)	12.00 (TPA)	12.00 (TPA)
37	4-Methoxy Benzophenone	00.00 (TPA)	120.00 (TPA)	120.00 (TPA)
38	Bromochlorophene	00.00 (TPA)	12.00 (TPA)	12.00 (TPA)
39	1-Bromo Adamantane	00.00 (TPA)	12.00 (TPA)	12.00 (TPA)
40	1-Hydroxy Adamantane	00.00 (TPA)	12.00 (TPA)	12.00 (TPA)
41	1-Chloro Adamantane	00.00 (TPA)	12.00 (TPA)	12.00 (TPA)
42	2,4 Dichlorophenyl Imidazole Ethanol	00.00 (TPA)	12.00 (TPA)	12.00 (TPA)

  
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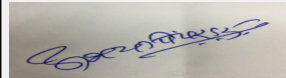
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43	Methyl 4 Hydroxy Phenyl Acetate	00.00 (TPA)	12.00 (TPA)	12.00 (TPA)
44	Para Bromo Phenol	00.00 (TPA)	24.00 (TPA)	24.00 (TPA)
45	Para Chloro Meta Xylenol	00.00 (TPA)	60.00 (TPA)	60.00 (TPA)
46	Dichloro Meta Xylenol	00.00 (TPA)	24.00 (TPA)	24.00 (TPA)
47	2-Chloro Acetophenone	00.00 (TPA)	12.00 (TPA)	12.00 (TPA)
48	1-4 Bis (Chloromethyl) Benzene (PXDC)	00.00 (TPA)	12.00 (TPA)	12.00 (TPA)
49	2 4 6 Tribromophenol	00.00 (TPA)	120.00 (TPA)	120.00 (TPA)
50	2-Phenyl Acetyl Chloride	00.00 (TPA)	24.00 (TPA)	24.00 (TPA)
51	2 2 Dichlorophenyl Acetic Acid Ethyl Ester (DCPAE)	00.00 (TPA)	120.00 (TPA)	120.00 (TPA)
52	Phenetole	00.00 (TPA)	60.00 (TPA)	60.00 (TPA)
53	4-Bromo Phenetole	00.00 (TPA)	36.00 (TPA)	36.00 (TPA)
54	Veratrole	00.00 (TPA)	36.00 (TPA)	36.00 (TPA)
55	4-Bromo 2-Chloro Phenol	00.00 (TPA)	12.00 (TPA)	12.00 (TPA)
56	Benzophenone Hydrazone	00.00 (TPA)	12.00 (TPA)	12.00 (TPA)
57	2-Bromo 4-Chloro Phenol	00.00 (TPA)	12.00 (TPA)	12.00 (TPA)
58	2, 2, 4 Tri Chloro Aceto Phenone	00.00 (TPA)	12.00 (TPA)	12.00 (TPA)
59	Para Methyl Benzaldehyde	00.00 (TPA)	120.00 (TPA)	120.00 (TPA)
60	1-(2,6 DI Chloro Phenyl)-2-Indolinone	00.00 (TPA)	12.00 (TPA)	12.00 (TPA)
61	Para Xylene DI Methyl Ether	00.00 (TPA)	12.00 (TPA)	12.00 (TPA)
62	Di Chloro Phene (Solid Or Liquid)	00.00 (TPA)	60.00 (TPA)	60.00 (TPA)
63	Anisole	00.00 (TPA)	960.00 (TPA)	960.00 (TPA)
64	4-Bromo Anisole	00.00 (TPA)	120.00 (TPA)	120.00 (TPA)
65	Total	00.00 (TPA)	2352.00 (TPA)	2352.00 (TPA)

### 32.Total Water Requirement

  
**Abhay Pimparkar (Secretary SEAC-I)**

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


### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	07.50	02.50	10.00	01.50	01.00	02.50	06.00	01.50	07.50
Industrial Process	08.00	07.00	15.00	07.00	02.00	09.00	01.00	05.00	06.00
Cooling tower & thermopack	45.00	223	268	40.5	144.5	185	04.50	78.5	83
Gardening	09.00	08.00	17.00	09.00	08.00	17.00	00.00	00.00	00.00

  
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Fresh water requirement	69.50	240.50	310.00	58.00	155.5	213.5	11.50	85.00	96.50
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<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Will be provided at the time of EIA.
	<b>Size and no of RWH tank(s) and Quantity:</b>	Rain water will be collected in existing raw water tank of 200 m3 capacity.
	<b>Location of the RWH tank(s):</b>	UG water Tank - Near Entrance Gate
	<b>Quantity of recharge pits:</b>	Not applicable as rain water is not allowed to recharge for chemical industries. Rain water from roof of admin building will be collected and reused. Remaining rain water will be connected to common drainage provided by MIDC.
	<b>Size of recharge pits :</b>	Not applicable as collected water will be reused.
	<b>Budgetary allocation (Capital cost) :</b>	1 Lacs
	<b>Budgetary allocation (O &amp; M cost) :</b>	0.20 Lacs/annum
	<b>Details of UGT tanks if any :</b>	i) Water Tank - Existing- 1 No.: 200m3 ii) Proposed- 1 No.: 100 m3 additional

<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Proper and separate storm water drains will be provided as per natural slopes.
	<b>Quantity of storm water:</b>	22.00 Lit./sec.
	<b>Size of SWD:</b>	0.3 m x 0.3 m x 0.3 m

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	7.5
	<b>STP technology:</b>	Domestic Sewage will be treated in secondary treatment of ETP as combined treatment.
	<b>Capacity of STP (CMD):</b>	Not Applicable
	<b>Location &amp; area of the STP:</b>	Not Applicable
	<b>Budgetary allocation (Capital cost):</b>	Not Applicable
	<b>Budgetary allocation (O &amp; M cost):</b>	Not Applicable

### 36.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Quantity will be provided at the time of EIA
	<b>Disposal of the construction waste debris:</b>	Within premises in low lying area

<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	Hazardous Waste: • Empty barrels/containers/ Contaminated with hazardous chemicals/waste - 500 Nos./M Non-Hazardous Waste: • Waste paper- 0.5 TPA • Boiler Ash - 4104 TPA
	<b>Wet waste:</b>	Hazardous Waste: • ETP Sludge - 60 TPA • MEE salts -496.32 TPA • Spent Carbon from ETP - 19.0 TPA • Spent carbon from process - 3.6 TPA • Process Residue - 174.00 TPA
	<b>Hazardous waste:</b>	• Hazardous Waste: • ETP Sludge - 60 TPA • MEE salts -496.32 TPA • Spent Carbon from ETP - 19.0 TPA • Spent carbon from process - 3.6 TPA • Process Residue - 174.00 TPA • Empty barrels/containers/ Contaminated with hazardous chemicals/waste - 500 Nos./m. • Non-Hazardous Waste: • Waste paper- 0.5 TPA • Boiler Ash - 4104 TPA
	<b>Biomedical waste (If</b>	


<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	MPCB authorized party for reuse
	<b>Wet waste:</b>	CHWTSDF
	<b>Hazardous waste:</b>	CHWTSDF/To MPCB authorized recyclers
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	Not Applicable
	<b>Others if any:</b>	Sale to authorized dismantlers/Recyclers.
<b>Area requirement:</b>	<b>Location(s):</b>	Near admin building
	<b>Area for the storage of waste &amp; other material:</b>	Area for the storage of Hazardous waste 60 Sq.m.
	<b>Area for machinery:</b>	Not applicable
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	01.00 Lacs.
	<b>O &amp; M cost:</b>	84.00 lacs/A

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	-	7.0 - 7.5	7.0 - 7.5	6.5-8.5
2	BOD <sub>3,27°C</sub>	mg/L	350 - 450	<100	<100
3	COD	mg/L	700 - 900	<250	<250
4	TDS	mg/L	1000 - 1500	<2100	<2100
5	TSS	mg/L	80 - 100	<100	<100
Amount of effluent generation (CMD):		Industrial: 120.5 CMD (Actual waste water generated from ETP after ZLD system stabilization) Domestic: 7.5 CMD			
Capacity of the ETP:		150 CMD			
Amount of treated effluent recycled :		102.4 CMD			
Amount of water send to the CETP:		Not Applicable as project will be run on Zero Liquid Discharge.			
Membership of CETP (if require):		No			
Note on ETP technology to be used		High TDS effluent from process plant (4 CMD) & rejects from RO (25.6 CMD) will be fed to MEE. MEE condensate (35.5 CMD) along with primary treated utilities blow downs & other effluents (85 CMD) will be fed to secondary & tertiary treatment. Tertiary treated effluent (128 CMD) will be collected in the RO feed tank from where it will be fed to RO, permeate (102.4 CMD) will be reused & reject (25.6 CMD) will be fed to MEE. Domestic Sewage 7.5 CMD will be treated in secondary treatment of ETP. Unit			
Disposal of the ETP sludge		CHWTSDF			

### 38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Process waste sludge / residue	28.1	TPA	0.0	174.00	174.00	To CHWTSDF
2	ETP Sludge	35.3	TPA	0.1	60.00	60.00	To CHWTSDF
3	MEE salts	35.3	TPA	0.0	496.32	496.32	To CHWTSDF
4	Spent Carbon from ETP	35.3	TPA	0.0	19.0	19.0	To CHWTSDF
5	Spent Carbon from Process	28.3	TPA	0.0	3.6	3.6	To CHWTSDF
6	Empty barrels/containers/contaminated with hazardous chemicals/waste	33.1	TPA	150.00	350.00	350.00	Sale to authorized dismantlers / Recyclers.

  
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7	Other waste:	--	--	--	--	--	--
8	E-Waste	--	KG/A	0.0	100.00	100.00	Sale to authorized dismantlers/ Recyclers
9	Battery waste	--	KG/A	0.0	80.00	80.00	Returned to battery manufacturer through authorized dealer on buy back procurement
10	Non-Hazardous Waste Details	--	--	--	--	--	--
11	Waste paper	--	TPA	0.0	0.5	0.5	Sale
12	Boiler Ash	--	TPA	0.0	4104	4104	Sale to Brick Manufacturer/cement industry

### 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 - 1 no. of 7 TPH (Proposed)	Coal/Briquettes 28.87 TPD/20.53 TPD	1	30	1.0	130°C
2	Thermopac - 200000 Kcal/hr. (Proposed)	Coal/Briquettes 2 TPD/1.5TPD	1	30	0.4	135°C
3	DG Set - 1000 KVA (Proposed)	Diesel, 265 lit/hr. at full load	1	6.5 m above enclosure	0.2	115°C
4	Note: Existing FO fired boiler (3 TPH), Thermopack (8 lac.kcal/hr) & DG Set (500 KVA) will be dismantled.	--	--	--	--	--

### 40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal/Briquettes	Not Applicable	30.87 TPD / 22.03 TPD	30.87 TPD / 22.03 TPD
2	HSD	Not Applicable	265 Lit/hr. at full load	265 Lit/hr. at full load

41.Source of Fuel

Local

42.Mode of Transportation of fuel to site


Through truck/ tanker by Road

### 43.Green Belt Development

<b>Total RG area :</b>	Existing: 200 sq.m Proposed: 3256 sq.m. Total: 3456 sq. m. (33.23% of total plot area)
<b>No of trees to be cut :</b>	No
<b>Number of trees to be planted :</b>	Existing 30 nos of trees are already planted and additionally 470 nos will be planted to fullfill norms of greenbelt.
<b>List of proposed native trees :</b>	Banyan, Pipal, Neem, Kadamb, etc.
<b>Timeline for completion of plantation :</b>	With the construction of project

### 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
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1	Terminalia arjuna	Arjun	50	Pollution resistant and Native
2	Bauhinia racemosa	Apta	50	Pollution resistant and Native
3	Ficus benghalensis	Banyan	25	Pollution resistant and Native
4	Ficus religiosa	Pimpal	25	Pollution resistant and Native
5	Cassia fistula	Amaltas	40	Pollution resistant and Native
6	Azadirachta indica	Kaduneem	40	Pollution resistant and Native
7	Tectona grandis	Teak	135	Pollution resistant and Native
8	Neolamarckiacadamba	Kadamb	20	Pollution resistant and Native
9	Teminaliatomentosa	Ain	30	Pollution resistant and Native
10	Lagerstroemia speciosa	Taman	20	Pollution resistant and Native
11	Lantana camara	Ghaneri	15	Pollution resistant and Native
12	Calatropisgigintia	Rui	20	Pollution resistant and Native

**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**


<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	500 KW
	<b>DG set as Power back-up during construction phase</b>	Will be hired on rent from local vendor
	<b>During Operation phase (Connected load):</b>	908 KW
	<b>During Operation phase (Demand load):</b>	594 KW
	<b>Transformer:</b>	1000 KVA
	<b>DG set as Power back-up during operation phase:</b>	Proposed: 1 DG set of 1000 KVA, Existing DG Set (500 KVA) will be dismantled.
	<b>Fuel used:</b>	Diesel 265 Lit/hr. at full load
	<b>Details of high tension line passing through the plot if any:</b>	No

**48.Energy saving by non-conventional method:**

Gitanjali will propose roof top solar system for illumination of office buildings & street lights. Details of power generation from Solar panel system will be provided at the time of EIA.


**49.Detail calculations & % of saving:**

Serial Number	Energy Conservation Measures	Saving %
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1	Will be provided at the time of EIA.	Will be provided at the time of EIA.
<b>50.Details of pollution control Systems</b>		
<b>Source</b>	<b>Existing pollution control system</b>	<b>Proposed to be installed</b>
Air	Stack of adequate height	Multi-cyclone followed by Bag filter and Stack of adequate height
Water	MEE & ETP	MEE, ETP & RO
Noise	Acoustic enclosure for DG set	Acoustic enclosure for DG set
Solid Waste	Disposal to CHWTSDF	Disposal to CHWTSDF
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Not Applicable
	<b>O &amp; M cost:</b>	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	Dust	Air Pollution	2.00
2	Debris	Solid Waste	2.00
3	Construction equipment	Solid Waste	1.00

### 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	Provision of Multi cyclone, bag filter & stack	20.00	01.00
2	Water pollution control	Multi Effect Evaporator, Effluent Treatment Plant & RO	400.00	248.00
3	Noise pollution Control	Acoustic enclosure and regular maintenance	01.00	00.50
4	Occupational health	Medical checkup, Health insurance policy, Medical staff charges, First aid facilities, consumables, Other infrastructure and Equipment	06.00	03.00
5	Environmental Monitoring budget	Environmental Monitoring	--	01.00
6	Hazardous waste Storage & disposal	Storage, Transportation and disposal	01.50	84.00
7	Green belt	Development & Maintenance	01.50	0.60
8	Total	--	429.50	338.10

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

  
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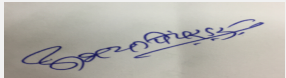
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Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Phenol- Fresh	Molten Solid	RM warehouse	50 KL	50	300	Local	By Road-Trucks
Phenol - R	Molten Solid	RM warehouse	25 KL	25	66	Local	By Road-Trucks
Chlorine	Liquid gas	RM warehouse	900 Kg	54	250	Local	By Road-Trucks
Mono Chloro Phenol	Liquid	RM warehouse	250 Kgs	2	5	Local	By Road-Trucks
Toluene	Liquid	RM warehouse	200 Lit	3	9	Local	By Road-Trucks
Per Chloro Ethylene	Liquid	RM warehouse	330 Kgs	1	1	Local	By Road-Trucks
Anisole	Liquid	RM warehouse	200 Ltr.	1.8	2	Local	By Road-Trucks
Mono Chloro Benzene (MCB)	Liquid	RM warehouse	25 KL	8	32	Local	By Road-Trucks
Para Chloro Benzoyl Chloride	Liquid	RM warehouse	200 Lit.	2	6.5	Local	By Road-Trucks
Aluminum Chloride	Powder	RM warehouse	200 Lit.	5	18	Local	By Road-Trucks
Hydrochloric Acid	Liquid	RM warehouse	50 Ltr.	2	6.25	Local	By Road-Trucks
Sulphuric Acid	Liquid	RM warehouse	50 Ltr.	1.5	5.4	Local	By Road-Trucks
Methanol	Liquid	RM warehouse	15 KL	15	33	Local	By Road-Trucks
Caustic Soda Flakes	Solid	RM warehouse	50 Kgs	1	1	Local	By Road-Trucks
Benzyl Chloride	Liquid	RM warehouse	230 Kgs	1	2	Local	By Road-Trucks
Mix Xylene Solvent	Liquid	RM warehouse	200 Ltr.	3	6.6	Local	By Road-Trucks
Activated Carbon	Powder	RM warehouse	50 Kgs	0.1	0.7	Local	By Road-Trucks
Chloro Acetyl Chloride	Liquid	RM warehouse	50 Lit.	3	5.4	Local	By Road-Trucks
2,6 Di Chloro Phenol	Powder	RM warehouse	200 Lit.	3	9	Local	By Road-Trucks
Potassium Carbonate	Powder	RM warehouse	50 Kgs.	1.5	4.2	Local	By Road-Trucks
Mono Methyl Chloro Acetate	Liquid	RM warehouse	200 Lit.	2	6.3	Local	By Road-Trucks
Aniline	Liquid	RM warehouse	200 Lit.	2	5	Local	By Road-Trucks
Sodium Methoxide	Powder	RM warehouse	200 Lit.	1	1.6	Local	By Road-Trucks
Poly Ethylene Glycol	Liquid	RM warehouse	230 Kgs.	1	2	Local	By Road-Trucks

### 52.Any Other Information

  
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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:	1045.00 m <sup>2</sup>
	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):	6 m. with turning radius of 9 m
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	No such areas within 10 km radius circle.
	Category as per schedule of EIA Notification sheet	5 (f) B1
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Not Applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	24-04-2019

### SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable



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<b>Waste Water Treatment</b>	Not Applicable
<b>Drainage pattern of the project</b>	Not Applicable
<b>Ground water parameters</b>	Not Applicable
<b>Solid Waste Management</b>	Not Applicable
<b>Air Quality &amp; Noise Level issues</b>	Not Applicable
<b>Energy Management</b>	Not Applicable
<b>Traffic circulation system and risk assessment</b>	Not Applicable
<b>Landscape Plan</b>	Not Applicable
<b>Disaster management system and risk assessment</b>	Not Applicable
<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	Not Applicable
<b>Any other issues related to environmental sustainability</b>	Not Applicable
<b>Brief information of the project by SEAC</b>	

SEAC-AGENDA-0000000256

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.

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


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.

### DECISION OF SEAC

  
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Draft Terms of Reference (TOR) have been discussed and finalized during the meeting of SEAC-1. The committee prescribed the following additional TOR along with Standard TOR as available on the Ministry of Environment, Forest and Climate Change website for preparation of EIA-EMP report.

**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, provision of cul-de-sac at dead ends of the internal roads if any, 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 plan layout showing contour levels, storm water drain lines and location of rain water harvesting facilities along with calculations.
- 4) PP to submit an undertaking for not violating any requirements of EIA Notification, 2006 amended from time to time.
- 5) PP to submit detailed safety management plan to carry out safe demolition of existing structure onsite along with necessary work permit procedures.
- 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 include detailed water balance calculations along with design details of zero liquid discharge ETP in the EIA report.
- 8) PP to prepare the Legal register with respect to compliance of various Acts , Rules and Regulations applicable to the manufacturing activities.
- 9) PP to carry out life cycle analysis of the activities carried out on site with respect to the acidification potential, eutrophication potential, green house and ozone depletion potential etc and proposed mitigation measures to reduce the identified potentials.
- 10) PP to carry out HAZOP and QRA and submit disaster management plan.
- 11) PP to include details of generation and disposal of hazardous waste including byproducts as per Hazardous and other waste (Management and Trans boundary Movement) Rules, 2016 in the EIA report.
- 12) PP to submit technical note on how proposed expansion will be accommodated in the existing manufacturing plant along with equipment layout, spaces required for storage of raw materials and finished products etc.
- 13) PP to include phenolic compounds in the surface water and ground water baseline monitoring parameters.
- 14) PP to submit structural stability certificate of existing building with respect to the proposed expansion.
- 15) PP to include water and carbon foot print monitoring in the EMP.
- 16) PP to submit hazardous chemical handling protocol
- 17) PP to use new and renewable energy for illumination of office buildings, street lights, parking areas and maintain the same regularly PP to provide lightening arrestor.


**FINAL RECOMMENDATION**

The Committee decided to Grant ToR subject to the above observations,PP requested to prepare and submit EIA report as per EIA Notification, 2006 and amendments thereof.

  
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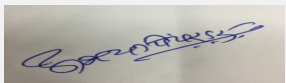
## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for EXPANSION OF KUNDRA DOLOMITE MINE OF M/S JAGDAMBA MINERALS FROM 1.65 LTPA TO 4.90 LTPA OVER GUT NO 66, AREA 23.20HA., MAUZA KUNDRA, TQ. WANI, DIST. YAVATMAL 19 51 22.8925 78 55 12.4797, 19 51 29.349 78 55 24.274


**Is a Violation Case:** No

<b>1.Name of Project</b>	EXPANSION OF KUNDRA DOLOMITE MINE OF M/S JAGDAMBA MINERALS FROM 1.65 LTPA TO 4.90 LTPA OVER GUT NO 66, AREA 23.20HA., MAUZA KUNDRA, TQ. WANI, DIST. YAVATMAL
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	M/S JAGDAMBA MINERALS
<b>4.Name of Consultant</b>	ENVIRO TECHNO CONSULT PVT LTD. ,NAGPUR
<b>5.Type of project</b>	Mining of Minor Minerals (DOLOMITE)
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	EXPANSION OF DOLOMITE MINING FROM 1.65 LTPA TO 4.90 LTPA
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	YES WIDE SEAC 2010/CR41/TC-2 DATED 17/07/2010
<b>8.Location of the project</b>	GUT NO 66, AREA 23.20 HA i.e.232000 SQM
<b>9.Taluka</b>	WANI
<b>10.Village</b>	KUNDRA
<b>Correspondence Name:</b>	M/S JAGDAMBA MINERALS ,1704,Lodha Supremous,Dr Moses Rd,Worli Naka Mumbai-4400018
<b>Room Number:</b>	1704
<b>Floor:</b>	1704
<b>Building Name:</b>	Lodha Supremous
<b>Road/Street Name:</b>	Dr Moses Rd
<b>Locality:</b>	Worli Naka
<b>City:</b>	Mumbai-4400018
<b>11.Area of the project</b>	Grampanchayat KUNDRA
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	MINING PLAN <b>IOD/IOA/Concession/Plan Approval Number:</b> MA/MP/170iii/2017-18/1267 DATED 31/08/2018 <b>Approved Built-up Area:</b> 232000
<b>13.Note on the initiated work (If applicable)</b>	MINE IS RUNNING WITH VALID CLEARANCE SINCE 2012
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	ORDER OF COLLECTOR YAVATMAL -Kavi/Khanikarma/BhauMaPraSah/Prakha/2018/359 dated 8/06/2018
<b>15.Total Plot Area (sq. m.)</b>	232000
<b>16.Deductions</b>	Not applicable
<b>17.Net Plot area</b>	Not applicable
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> Not applicable
	<b>b) Non FSI area (sq. m.):</b> Not applicable
	<b>c) Total BUA area (sq. m.):</b> 232000
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> Not applicable
	<b>Approved Non FSI area (sq. m.):</b> Not applicable
	<b>Date of Approval:</b> 31-08-2018
<b>19.Total ground coverage (m2)</b>	Not applicable
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	Not applicable
<b>21.Estimated cost of the project</b>	8000000

  
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## 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	0		
24. Number of expected residents / users	0		
25. Tenant density per hectare	0		
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	6 m		
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	DOLOMITE	13750	27083	40833

## 32. Total Water Requirement



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Dry season:	Source of water	WATER TANKER /BOREWELL							
	Fresh water (CMD):	30							
	Recycled water - Flushing (CMD):	0							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	30							
	Fire fighting - Underground water tank(CMD):	0							
	Fire fighting - Overhead water tank(CMD):	0							
	Excess treated water	0							
Wet season:	Source of water	0							
	Fresh water (CMD):	10							
	Recycled water - Flushing (CMD):	0							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	0							
	Fire fighting - Underground water tank(CMD):	0							
	Fire fighting - Overhead water tank(CMD):	0							
	Excess treated water	0							
Details of Swimming pool (If any)	Not applicable								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	1	9	10	1	9	10	0	0	0
Gardening	1.0	19	20	1.0	19	20	0	0	0

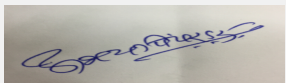
  
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<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	16 M
	<b>Size and no of RWH tank(s) and Quantity:</b>	0
	<b>Location of the RWH tank(s):</b>	0
	<b>Quantity of recharge pits:</b>	1
	<b>Size of recharge pits :</b>	1800 CUM
	<b>Budgetary allocation (Capital cost) :</b>	132000
	<b>Budgetary allocation (O &amp; M cost) :</b>	45000
	<b>Details of UGT tanks if any :</b>	NOT APPLICABLE
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Storm water drain of 1m x 1m peripheral length of 1813 m is proposed
	<b>Quantity of storm water:</b>	40.140 m <sup>3</sup>
	<b>Size of SWD:</b>	Storm water drain of 1m x 1m peripheral length of 1813 m is proposed
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	5
	<b>STP technology:</b>	BIOTOILETS ARE PROPOSED
	<b>Capacity of STP (CMD):</b>	3 BIOTOILETS TO ACCOMODATE 5M <sup>3</sup> /DAY OF SEWAGE
	<b>Location &amp; area of the STP:</b>	WITHIN SAFETY BARRIER OF 7.5 M ON NORTH OF LEASE
	<b>Budgetary allocation (Capital cost):</b>	150000
	<b>Budgetary allocation (O &amp; M cost):</b>	5000
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Not Applicable
	<b>Disposal of the construction waste debris:</b>	Not Applicable
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	0
	<b>Wet waste:</b>	0
	<b>Hazardous waste:</b>	0
	<b>Biomedical waste (If applicable):</b>	0
	<b>STP Sludge (Dry sludge):</b>	0
	<b>Others if any:</b>	0

  
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	NO WASTE WILL BE GENERATED . LOW GRADE DOLOMITE WILL BE BLENDED WITH GRADED DOLOMITE TO ADJUST GRADE AS PER USER INDUSTRY
	<b>Wet waste:</b>	Not Applicable
	<b>Hazardous waste:</b>	NOT APPLICABLE. ALL HEMM / TRUCKS ARE CONTRACTUAL & MAINTAINED AT AUTHORIZED WORKSHOPS.
	<b>Biomedical waste (If applicable):</b>	Not applicable
	<b>STP Sludge (Dry sludge):</b>	SLUDGE WILL BE HANDED OVER TO AUTHORIZED HANDLERS
	<b>Others if any:</b>	Not applicable
<b>Area requirement:</b>	<b>Location(s):</b>	WASTE IS TEMPORARY IN NATURE & IS SALEABLE . HENCE NO PERMANANT LOCATION IS EARMARKED
	<b>Area for the storage of waste &amp; other material:</b>	1000 SQM
	<b>Area for machinery:</b>	1000 SQM
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	0
	<b>O &amp; M cost:</b>	0

### 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):		0			
Capacity of the ETP:		0			
Amount of treated effluent recycled :		0			
Amount of water send to the CETP:		0			
Membership of CETP (if require):		NOT REQUIRED			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			

### 38.Hazardous Waste Details

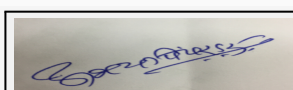
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	0	0	0	Not applicable

### 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	0	0	0

### 40.Details of Fuel to be used

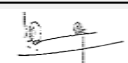
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	0	0	0




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41.Source of Fuel		Not applicable		
42.Mode of Transportation of fuel to site		Not applicable		
<b>43.Green Belt Development</b>	<b>Total RG area :</b>	23000 SQM		
	<b>No of trees to be cut :</b>	0		
	<b>Number of trees to be planted :</b>	3225		
	<b>List of proposed native trees :</b>	NEEM, VAD,PIMPAL,KARANJ		
	<b>Timeline for completion of plantation :</b>	5 YEARS		
<b>44.Number and list of trees species to be planted in the ground</b>				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	NEEM	NEEM	1000	LONG LEAFY LEAVES FOR DUST CONTROL
2	VAD	VAD	1000	LONG LEAFY LEAVES FOR DUST CONTROL
3	PEEPAL	PEEPAL	1000	LONG LEAFY LEAVES FOR DUST CONTROL
4	KARANJ	KARANJ	225	LONG LEAFY LEAVES FOR DUST CONTROL
<b>45.Total quantity of plants on ground</b>				
<b>46.Number and list of shrubs and bushes species to be planted in the podium RG:</b>				
Serial Number	Name	C/C Distance	Area m2	
1	Not applicable	0	0	
<b>47.Energy</b>				

  
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<b>Power requirement:</b>	<b>Source of power supply :</b>	MAHA DISCOM
	<b>During Construction Phase: (Demand Load)</b>	0
	<b>DG set as Power back-up during construction phase</b>	Not applicable
	<b>During Operation phase (Connected load):</b>	100 HP
	<b>During Operation phase (Demand load):</b>	100 HP
	<b>Transformer:</b>	Not applicable
	<b>DG set as Power back-up during operation phase:</b>	Not applicable
	<b>Fuel used:</b>	Not applicable
	<b>Details of high tension line passing through the plot if any:</b>	1.581 KM NEAR KRISHNANPUR

#### 48. Energy saving by non-conventional method:

- 1) LED BULBS-125 NOS. REPLACED WITH CONVENTIONAL SODIUM VAPOUR LIGHTS.
- 2) SOLAR POWERED WATER ,LIGHTING SYSTEM IS PROPOSED.

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

Serial Number	Energy Conservation Measures	Saving %
1	LED LIGHTS	125

#### 50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
DUST SUPPERSSION	6 RAIN GUNS	0
DUST SUPPERSSION	34 SPRINKLERS	17 SPRINKLERS
DUST COLLECTOR CRUSHER	01 DUST COLLECTOR	BAG FILTER

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	0
	<b>O &amp; M cost:</b>	10000


### 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)
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1	Particulate Matter	MAINTENANCE OF ROAD	3.0	0.5
2	Particulate Matter	GREEN BELT DEVELOPMENT	0.71250	0.35
3	Particulate Matter	TRAFFIC MANAGEMENT	0	1.20
4	Particulate Matter	DUST SUPPERESSION, TARPOULIN COVER	0.45	1.35
5	Particulate Matter	HOUSEKEEPING ACTIVITIES,	0.20	0.50
6	Particulate Matter	MOINTORING OF ENV PARAMETER	0	1.0
7	SAFETY	FENCING	10.0	1.50
8	OHS	SAFETY EQUIPMENT	0.10	1.4620
9	OHS	SIX MONTHLY HEALTH CHECKUP	0.0	0.40
10	OHS	FACILITY OF TOILETS, FIRST AID	3.0	0.50
11	FMCP PREPAREDNESS	FMCP FUND ALLOCATION	0.0	1.0
12	SAFETY	SIGNAGES	0	0.15
13	DUST FROM CRUSHER	BAG FILTER	5.0	0.75
14	SURFACE WATER	STROME WATER DRAIN	1.32	0.45

### 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	0	0	0	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:	0
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Parking details:	Number and area of basement:	0
	Number and area of podia:	0
	Total Parking area:	0
	Area per car:	0
	Area per car:	0
	Number of 2-Wheelers as approved by competent authority:	0
	Number of 4-Wheelers as approved by competent authority:	0
	Public Transport:	0
	Width of all Internal roads (m):	6 M
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	34.41 KM TIPESHWAR WILD LIFE SANTURY
	Category as per schedule of EIA Notification sheet	1A(B2)
	Court cases pending if any	No
	Other Relevant Informations	<p>1) GPS  19 51 22.8925 78 55 12.4797  19 51 22.937 78 55 18.3603  19 51 17.8376 78 55 22.7479  19 51 17.5302 78 55 27.0834  19 51 07.7122 78 55 34.2894  19 51 18.3577 78 55 31.8843  19 51 22.8941 78 55 32.8986  19 51 28.4583 78 55 33.5998  19 51 36.782 78 55 35.733  19 51 40.250 78 55 24.957  19 51 29.349 78 55 24.274  19 51 28.299 78 55 31.780  19 51 26.5084 78 55 31.77  19 51 27.5829 78 55 24.1916  19 51 27.1586 78 55 17.5533  19 51 26.644 78 55 12.624</p> <p>2) COMPLIANCE OF EARLIER EC SUBMITTED TO MPCB ON HALF YEARLY BASIS.  3) CGWB/CGWA CLEARANCE IS UNDER PROCESS .RECEIPT ENCLOSED.</p>
	Have you previously submitted Application online on MOEF Website.	No


  
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	<b>Date of online submission</b>	-
<b>SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS</b>		
<b>Environmental Impacts of the project</b>	Not Applicable	
<b>Water Budget</b>	Not Applicable	
<b>Waste Water Treatment</b>	Not Applicable	
<b>Drainage pattern of the project</b>	Not Applicable	
<b>Ground water parameters</b>	Not Applicable	
<b>Solid Waste Management</b>	Not Applicable	
<b>Air Quality &amp; Noise Level issues</b>	Not Applicable	
<b>Energy Management</b>	Not Applicable	
<b>Traffic circulation system and risk assessment</b>	Not Applicable	
<b>Landscape Plan</b>	Not Applicable	
<b>Disaster management system and risk assessment</b>	Not Applicable	
<b>Socioeconomic impact assessment</b>	Not Applicable	
<b>Environmental Management Plan</b>	Not Applicable	
<b>Any other issues related to environmental sustainability</b>	Not Applicable	
<b>Brief information of the project by SEAC</b>		
<b>DECISION OF SEAC</b>		
PP requested to delist the proposal.		
Specific Conditions by SEAC:		
<b>FINAL RECOMMENDATION</b>		
Kindly find SEAC decision above.		

  
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## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Environment Clearance for Stone Quarry of Sau. Mamta Anil Gore, Gut No.49 Part, Area-2.49 Ha,Mauza-Pangadi,Tq Ghatanji, Dist Yavatmal,20° 3'23.46"N , 78°17'54.81"E

**Is a Violation Case:** No

1.Name of Project	Stone Quarry of Sau. Mamta Anil Gore, Gut No.49 Part, Area-2.49 Ha,Mauza-Pangadi,Tq Ghatanji, Dist Yavatmal,
2.Type of institution	Private
3.Name of Project Proponent	Sau. Mamta Anil Gore
4.Name of Consultant	ENVIRO TECHNO CONSULT PVT LTD. ,NAGPUR
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No
8.Location of the project	Gut No.49 Part
9.Taluka	Maregaon
10.Village	Narsala
Correspondence Name:	Sau. Mamta Anil Gore, Gut No.49 Part, Area-2.49 Ha,Mauza-Pangadi,Tq Ghatanji, Dist Yavatmal,
Room Number:	Gut No.49 Part,
Floor:	Gut No.49 Part,
Building Name:	Gut No.49 Part,
Road/Street Name:	Gut No.49 Part,
Locality:	Pangadi
City:	Pangadi
11.Area of the project	Grampanchayat
12.IOD/IOA/Concession/Plan Approval Number	Mining Plan
	<b>IOD/IOA/Concession/Plan Approval Number:</b> Mining Plan Approval-MA/MP/170III/2017-18/15 dated 03.01.2019
	<b>Approved Built-up Area:</b> 24900
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI ISSUED BY DISTRICT COLLECTOR YAVATMAL -Khanij/A shu Ni/ Kavi 667/2018 dated 27/11/2018
15.Total Plot Area (sq. m.)	24900
16.Deductions	Not applicable
17.Net Plot area	24900
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.): 24900
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 03-01-2019
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	3800000


## 22.Number of buildings & its configuration




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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))	12			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	6			
29.Existing structure (s) if any	Not applicable			
30.Details of the demolition with disposal (If applicable)	Not applicable			
<b>31.Production Details</b>				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Stone, Murrum (Minor Mineral)	0	143375 TPA / 17902 Brass/ Annum	143375 TPA / 17902 Brass/ Annum
<b>32.Total Water Requirement</b>				

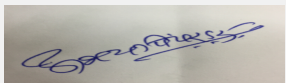
  
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Dry season:	Source of water	2							
	Fresh water (CMD):	Not applicable							
	Recycled water - Flushing (CMD):	Not applicable							
	Recycled water - Gardening (CMD):	Not applicable							
	Swimming pool make up (Cum):	Not applicable							
	Total Water Requirement (CMD) :	2							
	Fire fighting - Underground water tank(CMD):	Not applicable							
	Fire fighting - Overhead water tank(CMD):	Not applicable							
	Excess treated water	Not applicable							
Wet season:	Source of water	Not applicable							
	Fresh water (CMD):	Not applicable							
	Recycled water - Flushing (CMD):	Not applicable							
	Recycled water - Gardening (CMD):	Not applicable							
	Swimming pool make up (Cum):	Not applicable							
	Total Water Requirement (CMD) :	Not applicable							
	Fire fighting - Underground water tank(CMD):	Not applicable							
	Fire fighting - Overhead water tank(CMD):	Not applicable							
	Excess treated water	Not applicable							
Details of Swimming pool (If any)	Not applicable								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	0.700	0.700	0	0.700	0.700	0	0	0
Gardening	0	1.30	1.30	0	1.30	1.30	0	0	0

  
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<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	20 m
	<b>Size and no of RWH tank(s) and Quantity:</b>	Not Applicable
	<b>Location of the RWH tank(s):</b>	Not Applicable
	<b>Quantity of recharge pits:</b>	01
	<b>Size of recharge pits :</b>	Mine pit will act as recharge pit
	<b>Budgetary allocation (Capital cost) :</b>	Not Applicable
	<b>Budgetary allocation (O &amp; M cost) :</b>	Not Applicable
	<b>Details of UGT tanks if any :</b>	Not Applicable
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Storm water drain of 1m width x 1m depth x along peripheral length is proposed along peripheral area within safety barrier as per natural drain slopes
	<b>Quantity of storm water:</b>	29880 CUM
	<b>Size of SWD:</b>	1m x1m along the peripheral length
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	0.40
	<b>STP technology:</b>	Soak pit will be provided at crusher area proposed adjacent to proposed ML area
	<b>Capacity of STP (CMD):</b>	0.40
	<b>Location &amp; area of the STP:</b>	Biotoilet proposed adjacent to ML area
	<b>Budgetary allocation (Capital cost):</b>	150000
	<b>Budgetary allocation (O &amp; M cost):</b>	50000
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Not Applicable
	<b>Disposal of the construction waste debris:</b>	Not Applicable
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	Being Minor Mineral all the mined out material is saleable/usable. Top Soil layer is very thin and negligible and will be utilized for peripheral plantation proposed within safety barrier
	<b>Wet waste:</b>	0
	<b>Hazardous waste:</b>	0
	<b>Biomedical waste (If applicable):</b>	Not applicable
	<b>STP Sludge (Dry sludge):</b>	Not applicable
	<b>Others if any:</b>	Not Applicable
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Being Minor Mineral all the mined out material is saleable/usable. Top Soil layer is very thin and negligible and will be utilized for peripheral plantation proposed within safety barrier
	<b>Wet waste:</b>	Not Applicable
	<b>Hazardous waste:</b>	Not applicable
	<b>Biomedical waste (If applicable):</b>	Not applicable
	<b>STP Sludge (Dry sludge):</b>	Not applicable
	<b>Others if any:</b>	Not applicable
<b>Area requirement:</b>	<b>Location(s):</b>	Not Applicable, being all material is saleable/usable and stock will be temporary in nature within lease hold area.
	<b>Area for the storage of waste &amp; other material:</b>	Not Applicable, being all material is saleable/usable and stock will be temporary in nature within lease hold area.
	<b>Area for machinery:</b>	Not Applicable, being all material is saleable/usable and stock will be temporary in nature within lease hold area.
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	0
	<b>O &amp; M cost:</b>	0

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		0			
Capacity of the ETP:		0			
Amount of treated effluent recycled :		0			
Amount of water send to the CETP:		0			
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	0	0	0	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	0	0	Not applicable	Not applicable	Not applicable


### 40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable


  
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41.Source of Fuel		Not applicable		
42.Mode of Transportation of fuel to site		Not applicable		
<b>43.Green Belt Development</b>	<b>Total RG area :</b>	3944		
	<b>No of trees to be cut :</b>	0		
	<b>Number of trees to be planted :</b>	2700		
	<b>List of proposed native trees :</b>	Neem,Bamboo ,PEEPAL tree		
	<b>Timeline for completion of plantation :</b>	5 years		
<b>44.Number and list of trees species to be planted in the ground</b>				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	NEEM	NEEM	700	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE
2	Peepal	Peepal	500	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE
3	Bamboo	Bamboo	500	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE
4	Karanj	Karanj	500	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE
<b>45.Total quantity of plants on ground</b>				
<b>46.Number and list of shrubs and bushes species to be planted in the podium RG:</b>				
Serial Number	Name	C/C Distance	Area m2	
1	Not applicable	Not applicable	Not applicable	
<b>47.Energy</b>				

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

#### 48. Energy saving by non-conventional method:

Power is required for lighting purpose only. All lights will be LED lights only of suitable wattage

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

Serial Number	Energy Conservation Measures	Saving %
1	LED LIGHTS WILL BE USED FOR LIGHTING	39

#### 50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
DUST HAUL ROAD	Not applicable	WATER TANKER
DUST HAUL ROAD, DURING MINING OPERATIONS	Not applicable	SPRINKLERS
VEHICLES	Not applicable	WITH VALID PUC
DUST DURING MINING, TRANSPORT, LOADING	Not applicable	GREEN BELT DEVELOPMENT

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	39000
	<b>O &amp; M cost:</b>	5000


### 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)
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1	Particulate Matter	MAINTENANCE OF ROADS	5.20	0.60
2	Particulate Matter	GREEN BELT DEVELOPMENT	0.39	0.25
3	Particulate Matter	TRAFFIC MANAGEMENT	0	1.20
4	Particulate Matter	DUST SUPPRESSION	0	2.25
5	Particulate Matter	HOUSEKEEPING ACTIVITIES,	0.20	0.25
6	Particulate Matter	MONITORING OF ENV. PARAMETERS	0	1.0
7	SAFETY	FENCING	2.0	0.15
8	OHS	SAFETY EQUIPMENTS	0.22	1.512
9	OHS	SIX MONTHLY HEALTH CHECK UP	0	0.30
10	OHS	FACILITY OF TOILETS, FIRST AID	1.50	0.65
11	FMCP PREPAREDNESS	FMCP FUND ALLOCATION	0	1.0
12	SAFETY	SIGNAGES	0	0.15

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


Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	0	0	0	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:	0
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Parking details:	Number and area of basement:	0
	Number and area of podia:	0
	Total Parking area:	0
	Area per car:	0
	Area per car:	0
	Number of 2-Wheelers as approved by competent authority:	0
	Number of 4-Wheelers as approved by competent authority:	0
	Public Transport:	0
	Width of all Internal roads (m):	6
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	12.5 KM
	Category as per schedule of EIA Notification sheet	1a B2
	Court cases pending if any	No
	Other Relevant Informations	20° 3'23.46"N , 78°17'54.81"E 20° 3'23.82"N , 78°17'49.66"E 20° 3'29.99"N , 78°17'49.82"E 20° 3'28.52"N , 78°17'54.58"E
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-


## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
<b>Water Budget</b>	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
<b>Waste Water Treatment</b>	PP proposes to provide movable toilets/bio 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.
<b>Drainage pattern of the project</b>	PP to provide garland drains to collect the rain water in the mined pits.

  
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<b>Ground water parameters</b>	No ground water withdrawal is permitted in the proposed mine area.
<b>Solid Waste Management</b>	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.
<b>Air Quality &amp; Noise Level issues</b>	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.
<b>Energy Management</b>	The demand for energy will be 5HP which will be supplied by MSEDCL.
<b>Traffic circulation system and risk assessment</b>	PP to provide adequate load bearing capacity road for safe plying of the heavy vehicles transporting mined material.
<b>Landscape Plan</b>	PP proposes to develop green belt of 7.5 meter width as a safety zone with dry wall and barbed wire fencing. At the time of closure of the mine the mined pits will be created as water reservoirs with all necessary safety provisions.
<b>Disaster management system and risk assessment</b>	PP proposes to provide medical aid facility on the site. DGM approved mine mate will be appointed by the PP.
<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
<b>Any other issues related to environmental sustainability</b>	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.
<b>Brief information of the project by SEAC</b>	

SEAC-AGENDA-000000255

PP submitted their application 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 2.49 ha. at Mauza Pangadi Gut No. 49 (p) , Taluka Ghatanji, District Yawatmal.

MoEF&CC issued amendment to the EIA Notification dated 15<sup>th</sup> January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0-5 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 15<sup>th</sup> 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.

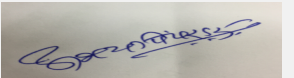
Hon'ble National Green Tribunal vide their order dated 13<sup>th</sup> September, 2018 directed MoEF&CC as below,

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

Further the grievance on non-compliance of above order dated 13.09.2018 was brought to the notice of Hon'ble National Green Tribunal. In view of this, Hon'ble National Green Tribunal passed an order dated 11<sup>th</sup> December, 2018 with following direction,


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

In view of above orders of Hon'ble National Green Tribunal, New Delhi, SEAC-1 decided to appraise the proposal of stone quarry as per EIA Notification dated 14.09.2006 amended from time to time.

  
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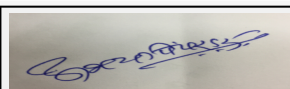
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**DECISION OF SEAC**

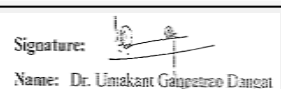
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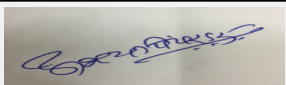
SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14<sup>th</sup> September, 2006, 15<sup>th</sup> January, 2016, and 14<sup>th</sup> August, 2018 and O.M. issued by MoEF&CC dated 18.05.2012 with respect to the procedure 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 and documents presented by the Project Proponent.

After detailed deliberations with the PP and their consultant, SEAC-1 decided to recommend the proposal for prior Environment Clearance to the SEIAA subject to the following conditions.


**Specific Conditions by SEAC:**

- 1) 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.
- 2) PP to keep 7.5 meter free safety zone all around the proposed mine area and develop it in to the green belt within a year of the commencement of the activities on site.
- 3) PP to obtain all necessary NOC's/Permissions from the competent Authority before commencing any work on proposed site.
- 4) 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.
- 5) PP to ensure no stream is diverted due to proposed quarrying activity.
- 6) 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.
- 7) PP to provide adequate measures to ensure the stability of the benches formed during mining activity to ensure safety of the people.
- 8) PP to provide adequate channels to guide the rain water to reach the mined pit and to avoid any unforeseen incident.
- 9) 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.
- 10) 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 Environmental Clearance letter.
- 11) PP to ensure that there is no damage to any fauna and its nesting close to the proposed mining area.
- 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) No mining shall be carried out in the vicinity of natural/manmade archaeological sites.
- 14) PP to ensure that no wild life habitat is infringed.
- 15) PP to ensure that parking shall not be made on Public roads. Parking shall be on pre decided place only.
- 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 prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC on 01.05.2018.
- 18) PP to appoint qualified fore man/fore mate as a Mine Manager approved by Director General of Mines to ensure safety of the staff/labors appointed at mine site.
- 19) 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.
- 20) PP to carry out multiple air monitoring on the nearest habitat and agricultural sites to ascertain the impact of air pollution due to proposed mining activity and to provide adequate mitigation measures.
- 21) PP to ensure use of Jackhammer drilling in proposed quarry. The jackhammer drills produces more noise and do not have inbuilt water injection system. PP to ensure protective measures are provided to reduce noise exposure and dust emission due to drilling and blasting activity.
- 22) 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.
- 23) PP to provide First Aid facility at the proposed mining site.
- 24) The digital processing of the entire lease area in the district using remote sensing technique including GPS shall be monitored regularly.

  
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## FINAL RECOMMENDATION

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


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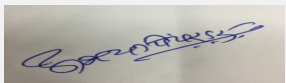
## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Environment Clearance for Stone Quarry of M/S R. V. Umbarkar ,Partner : Mr. Rushikesh Ramesh Umbarkar Gut No.212/2A, Mauza Narsala , Tq. Maregaon, Dist . Yavatmal, Area- 1.21 Ha, 20° 6'39.54"N, 78°45'40.28"E ,


**Is a Violation Case:** No

<b>1.Name of Project</b>	Stone Quarry of M/S R. V. Umbarkar ,Partner : Mr. Rushikesh Ramesh Umbarkar
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	M/S R. V. Umbarkar ,Partner : Mr. Rushikesh Ramesh Umbarkar
<b>4.Name of Consultant</b>	ENVIRO TECHNO CONSULT PVT LTD. ,NAGPUR
<b>5.Type of project</b>	Mining of Minor Minerals
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	No
<b>8.Location of the project</b>	Gut No.212/2A
<b>9.Taluka</b>	Maregaon
<b>10.Village</b>	Narsala
<b>Correspondence Name:</b>	M/S R. V. Umbarkar ,Partner : Mr. Rushikesh Ramesh Umbarkar, Gut No.212/2A, Mauza Narsala , Tq. Maregaon, Dist . Yavatmal,
<b>Room Number:</b>	Gut No.212/2A
<b>Floor:</b>	Gut No.212/2A
<b>Building Name:</b>	Gut No.212/2A
<b>Road/Street Name:</b>	Mauza Narsala
<b>Locality:</b>	Mauza Narsala
<b>City:</b>	Mauza Narsala
<b>11.Area of the project</b>	Grampanchayat
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Mining Plan <b>IOD/IOA/Concession/Plan Approval Number:</b> Mining Plan Approval- MA/MP/170HI/2017-18/426 09.4.2019 <b>Approved Built-up Area:</b> 12100
<b>13.Note on the initiated work (If applicable)</b>	Not applicable
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	LOI ISSUED BY DISTRICT COLLECTOR YAVATMAL Khanij/A shu Ni/ Kavi 759/2019 dated 15/2/2019
<b>15.Total Plot Area (sq. m.)</b>	12100
<b>16.Deductions</b>	Not applicable
<b>17.Net Plot area</b>	Not applicable
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> Not applicable
	<b>b) Non FSI area (sq. m.):</b> Not applicable
	<b>c) Total BUA area (sq. m.):</b> 12100
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> Not applicable
	<b>Approved Non FSI area (sq. m.):</b> Not applicable
	<b>Date of Approval:</b> 09-04-2019
<b>19.Total ground coverage (m2)</b>	Not applicable
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	Not applicable
<b>21.Estimated cost of the project</b>	3600000

  
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## 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
2			
<b>23. Number of tenants and shops</b>	Not applicable		
<b>24. Number of expected residents / users</b>	Not applicable		
<b>25. Tenant density per hectare</b>	Not applicable		
<b>26. Height of the building(s)</b>			
<b>27. Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	12		
<b>28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	6		
<b>29. Existing structure (s) if any</b>	Not applicable		
<b>30. Details of the demolition with disposal (If applicable)</b>	Not applicable		

## 31. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Stone, Murrum (Minor Mineral)	0	62701 TPA / 7829 Brass/annum	62701 TPA / 7829 Brass/annum

## 32. Total Water Requirement



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Dry season:	Source of water	2							
	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) :	2							
	Fire fighting - Underground water tank(CMD):	Not applicable							
	Fire fighting - Overhead water tank(CMD):	Not applicable							
	Excess treated water	Not applicable							
Wet season:	Source of water	Not applicable							
	Fresh water (CMD):	Not applicable							
	Recycled water - Flushing (CMD):	Not applicable							
	Recycled water - Gardening (CMD):	Not applicable							
	Swimming pool make up (Cum):	Not applicable							
	Total Water Requirement (CMD) :	Not applicable							
	Fire fighting - Underground water tank(CMD):	Not applicable							
	Fire fighting - Overhead water tank(CMD):	Not applicable							
	Excess treated water	Not applicable							
Details of Swimming pool (If any)	Not applicable								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	0.600	0.600	0	0.600	0.600	0	0	0
Gardening	0	1.40	1.40	0	1.40	1.40	0	0	0

  
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<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	17 M	
	<b>Size and no of RWH tank(s) and Quantity:</b>	Not Applicable	
	<b>Location of the RWH tank(s):</b>	Not Applicable	
	<b>Quantity of recharge pits:</b>	01	
	<b>Size of recharge pits :</b>	Mine pit will act as recharge pit	
	<b>Budgetary allocation (Capital cost) :</b>	0	
	<b>Budgetary allocation (O &amp; M cost) :</b>	0	
	<b>Details of UGT tanks if any :</b>	Not Applicable	
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Storm water drain of 1m width x 1m depth x along peripheral length is proposed along peripheral area within safety barrier as per natural drain slopes	
	<b>Quantity of storm water:</b>	14520	
	<b>Size of SWD:</b>	1m x1m along the peripheral length	
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	0.40	
	<b>STP technology:</b>	Soak pit will be provided at crusher area proposed adjacent to proposed ML area	
	<b>Capacity of STP (CMD):</b>	0.40	
	<b>Location &amp; area of the STP:</b>	Biotoilet proposed adjacent to ML area	
	<b>Budgetary allocation (Capital cost):</b>	195000	
	<b>Budgetary allocation (O &amp; M cost):</b>	50000	
<b>36.Solid waste Management</b>			
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Not Applicable	
	<b>Disposal of the construction waste debris:</b>	Not Applicable	
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	Being Minor Mineral all the mined out material is saleable/usable. Top Soil layer is very thin and negligible and will be utilized for peripheral plantation proposed within safety barrier	
	<b>Wet waste:</b>	0	
	<b>Hazardous waste:</b>	0	
	<b>Biomedical waste (If applicable):</b>	0	
	<b>STP Sludge (Dry sludge):</b>	Not applicable	
	<b>Others if any:</b>	Not applicable	
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Being Minor Mineral all the mined out material is saleable/usable. Top Soil layer is very thin and negligible and will be utilized for peripheral plantation proposed within safety barrier
	<b>Wet waste:</b>	Not Applicable
	<b>Hazardous waste:</b>	Not applicable
	<b>Biomedical waste (If applicable):</b>	Not applicable
	<b>STP Sludge (Dry sludge):</b>	Not applicable
	<b>Others if any:</b>	Not applicable
<b>Area requirement:</b>	<b>Location(s):</b>	Not Applicable, being all material is saleable/usable and stock will be temporary in nature within lease hold area.
	<b>Area for the storage of waste &amp; other material:</b>	Not Applicable, being all material is saleable/usable and stock will be temporary in nature within lease hold area.
	<b>Area for machinery:</b>	Not Applicable, being all material is saleable/usable and stock will be temporary in nature within lease hold area.
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Not applicable
	<b>O &amp; M cost:</b>	Not applicable

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	Not applicable	0	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water sent to the CETP:		Not applicable			
Membership of CETP (if require):		No			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			

### 38. Hazardous Waste Details

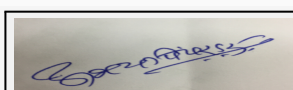
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	0	0	0	Not applicable

### 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	0	0	Not applicable	Not applicable	Not applicable

### 40. Details of Fuel to be used


Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable




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41.Source of Fuel		Not applicable		
42.Mode of Transportation of fuel to site		Not applicable		
<b>43.Green Belt Development</b>	<b>Total RG area :</b>	2811		
	<b>No of trees to be cut :</b>	0		
	<b>Number of trees to be planted :</b>	2680		
	<b>List of proposed native trees :</b>	Neem,Bamboo ,PEEPAL tree		
	<b>Timeline for completion of plantation :</b>	5 years		
<b>44.Number and list of trees species to be planted in the ground</b>				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	NEEM	NEEM	1180	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE
2	Peepal	Peepal	500	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE
3	Bamboo	Bamboo	500	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE
4	Karanj	Karanj	500	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE
<b>45.Total quantity of plants on ground</b>				
<b>46.Number and list of shrubs and bushes species to be planted in the podium RG:</b>				
Serial Number	Name	C/C Distance	Area m2	
1	Not applicable	Not applicable	Not applicable	
<b>47.Energy</b>				

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

#### 48. Energy saving by non-conventional method:

Power is required for lighting purpose only. All lights will be LED lights only of suitable wattage

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

Serial Number	Energy Conservation Measures	Saving %
1	LED LIGHTS WILL BE USED FOR LIGHTING	28

#### 50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
DUST HAUL ROAD	Not applicable	WATER TANKER
DUST HAUL ROAD, DURING MINING OPERATIONS	Not applicable	SPRINKLERS
VEHICLES	Not applicable	WITH VALID PUC
DUST DURING MINING, TRANSPORT, LOADING	Not applicable	GREEN BELT DEVELOPMENT

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	28000
	<b>O &amp; M cost:</b>	5000


#### 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)
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1	Particulate Matter	MAINTENANCE OF ROAD	7.80	0.50
2	Particulate Matter	GREEN BELT DEVELOPMENT	0.34	0.25
3	Particulate Matter	TRAFFIC MANAGEMENT	0	1.20
4	Particulate Matter	DUST SUPPRESSION	0	2.40
5	Particulate Matter	HOUSEKEEPING ACTIVITIES,	0.20	0.25
6	Particulate Matter	MOINTORING OF ENV PARAMETER	0	1.00
7	SAFETY	FENCING	0	1.50
8	OHS	SAFETY EQUIPMENT	0.10	1.3120
9	OHS	SIX MONTHLY HEALTH CHECKUP	0	0.30
10	OHS	FACILITY OF TOILETS, FIRST AID	1.95	0.50
11	FMCP PREPAREDNESS	FMCP FUND ALLOCATION	0	1.0
12	SAFETY	SIGNAGES	0	0.15

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

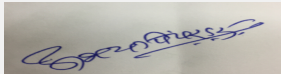
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	0	0	0	Not applicable	Not applicable

### 52.Any Other Information

No Information Available

### 53.Traffic Management

Nos. of the junction to the main road & design of confluence:	0
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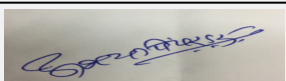
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Parking details:	Number and area of basement:	0
	Number and area of podia:	0
	Total Parking area:	0
	Area per car:	0
	Area per car:	0
	Number of 2-Wheelers as approved by competent authority:	0
	Number of 4-Wheelers as approved by competent authority:	0
	Public Transport:	0
	Width of all Internal roads (m):	6
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	29 KM
	Category as per schedule of EIA Notification sheet	1a B2
	Court cases pending if any	No
	Other Relevant Informations	20° 6'39.54"N, 78°45'40.28"E , 20° 6'40.07"N , 78°45'37.89"E 20° 6'45.60"N , 78°45'39.26"E 20° 6'45.05"N , 78°45'41.53"E
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-


## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
<b>Water Budget</b>	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
<b>Waste Water Treatment</b>	PP proposes to provide movable toilets/ bio toilets to the workers working in the mine area and sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB.
<b>Drainage pattern of the project</b>	PP to provide garland drains to collect the rain water in the mined pits.

  
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<b>Ground water parameters</b>	No ground water withdrawal is permitted in the proposed mine area.
<b>Solid Waste Management</b>	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.
<b>Air Quality &amp; Noise Level issues</b>	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.
<b>Energy Management</b>	The demand for energy will be 5HP which will be supplied by MSEDCL.
<b>Traffic circulation system and risk assessment</b>	PP to provide adequate load bearing capacity road for safe plying of the heavy vehicles transporting mined material.
<b>Landscape Plan</b>	PP proposes to develop green belt of 7.5 meter width as a safety zone with dry wall and barbed wire fencing. At the time of closure of the mine the mined pits will be created as water reservoirs with all necessary safety provisions.
<b>Disaster management system and risk assessment</b>	PP proposes to provide medical aid facility on the site. DGM approved mine mate will be appointed by the PP.
<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
<b>Any other issues related to environmental sustainability</b>	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.
<b>Brief information of the project by SEAC</b>	

SEAC-AGENDA-000000255

PP submitted their application 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 1.21 ha at Mauza Narsala Gut No. 212/2A , Taluka Maregaon, District Yawatmal.

MoEF&CC issued amendment to the EIA Notification dated 15<sup>th</sup> January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0-5 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 15<sup>th</sup> 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 13<sup>th</sup> September, 2018 directed MoEF&CC as below,

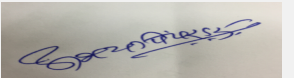
*"to take appropriate steps to revise the procedure laid down in the impugned Notification dated 15<sup>th</sup> January, 2016."*

Further the grievance on non-compliance of above order dated 13.09.2018 was brought to the notice of Hon'ble National Green Tribunal. In view of this, Hon'ble National Green Tribunal passed an order dated 11<sup>th</sup> December, 2018 with following direction,

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


In view of above orders of Hon'ble National Green Tribunal, New Delhi, SEAC-1 decided to appraise the proposal of stone quarry as per EIA Notification dated 14.09.2006 amended from time to time.

## DECISION OF SEAC

  
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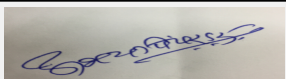
SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14<sup>th</sup> September, 2006, 15<sup>th</sup> January, 2016, and 14<sup>th</sup> August, 2018 and O.M. issued by MoEF&CC dated 18.05.2012 with respect to the procedure 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 and documents presented by the Project Proponent.

After detailed deliberations with the PP and their consultant, SEAC-1 decided to recommend the proposal for prior Environment Clearance to the SEIAA subject to the following conditions.


**Specific Conditions by SEAC:**

- 1) 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.
- 2) PP to keep 7.5 meter free safety zone all around the proposed mine area and develop it in to the green belt within a year of the commencement of the activities on site.
- 3) PP to obtain all necessary NOC's/Permissions from the competent Authority before commencing any work on proposed site.
- 4) 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.
- 5) PP to ensure no stream is diverted due to proposed quarrying activity.
- 6) 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.
- 7) PP to provide adequate measures to ensure the stability of the benches formed during mining activity to ensure safety of the people.
- 8) PP to provide adequate channels to guide the rain water to reach the mined pit and to avoid any unforeseen incident.
- 9) 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.
- 10) 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.
- 11) PP to ensure that there is no damage to any fauna and its nesting close to the proposed mining area.
- 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) No mining shall be carried out in the vicinity of natural/manmade archaeological sites.
- 14) PP to ensure that no wild life habitat is infringed.
- 15) PP to ensure that parking shall not be made on Public roads. Parking shall be on pre decided place only.
- 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 prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC on 01.05.2018.
- 18) PP to appoint qualified fore man/fore mate as a Mine Manager approved by Director General of Mines to ensure safety of the staff/labors appointed at mine site.
- 19) 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.
- 20) PP to carry out multiple air monitoring on the nearest habitat and agricultural sites to ascertain the impact of air pollution due to proposed mining activity and to provide adequate mitigation measures.
- 21) PP to ensure use of Jackhammer drilling in proposed quarry. The jackhammer drills produces more noise and do not have inbuilt water injection system. PP to ensure protective measures are provided to reduce noise exposure and dust emission due to drilling and blasting activity.
- 22) 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.
- 23) PP to provide First Aid facility at the proposed mining site.
- 24) The digital processing of the entire lease area in the district using remote sensing technique including GPS shall be monitored regularly.

  
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## FINAL RECOMMENDATION

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


SEAC-AGENDA-0000000256



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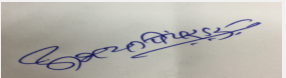
## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Environment Clearance for Environment Clearance for Stone Quarry of Mr. Subhash Yadavrao Matte, Gut No.130 Part, Mauza Narsala, Tq. Maregaon, Dist. Yavatmal, Area- 2.00 Ha, 20°7'51.97"N 78°46'12.41"E


**Is a Violation Case:** No

<b>1.Name of Project</b>	Stone Quarry of Mr. Subhash Yadavrao Matte, Gut No.130 Part, Mauza Narsala, Tq. Maregaon, Dist. Yavatmal,
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr. Subhash Yadavrao Matte
<b>4.Name of Consultant</b>	ENVIRO TECHNO CONSULT PVT LTD. ,NAGPUR
<b>5.Type of project</b>	Mining of Minor Minerals
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	No
<b>8.Location of the project</b>	Gut No.130 Part
<b>9.Taluka</b>	Maregaon
<b>10.Village</b>	Narsala
<b>Correspondence Name:</b>	Mr. Subhash Yadavrao Matte, Gut No.130 Part, Mauza Narsala, Tq. Maregaon, Dist. Yavatmal,
<b>Room Number:</b>	Gut No.130 Part
<b>Floor:</b>	Gut No.130 Part
<b>Building Name:</b>	Gut No.130 Part
<b>Road/Street Name:</b>	Narsala
<b>Locality:</b>	Narsala
<b>City:</b>	Narsala
<b>11.Area of the project</b>	Grampanchayat
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Mining Plan <b>IOD/IOA/Concession/Plan Approval Number:</b> Mining Plan Approval- MA/MP/170HI/2017-18/13 dated 03.1.2019 <b>Approved Built-up Area:</b> 20000
<b>13.Note on the initiated work (If applicable)</b>	Not applicable
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	LOI ISSUED BY DISTRICT COLLECTOR YAVATMAL -Khanij/A shu Ni/ Kavi 639/2018 dated 17/11/2018
<b>15.Total Plot Area (sq. m.)</b>	20000
<b>16.Deductions</b>	Not applicable
<b>17.Net Plot area</b>	20000
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> Not applicable
	<b>b) Non FSI area (sq. m.):</b> Not applicable
	<b>c) Total BUA area (sq. m.):</b> 20000
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> Not applicable
	<b>Approved Non FSI area (sq. m.):</b> Not applicable
	<b>Date of Approval:</b> 04-01-2019
<b>19.Total ground coverage (m2)</b>	Not applicable
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	Not applicable
<b>21.Estimated cost of the project</b>	4000000

  
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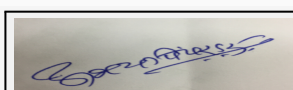
## 22. Number of buildings & its configuration

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))	12		
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	6 M		
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	Stone, Murrum (Minor Mineral)	0	130096 TPA / 16244 Brass/anum	130096 TPA / 16244 Brass/anum

## 32. Total Water Requirement



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Dry season:	Source of water	2							
	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) :	2							
	Fire fighting - Underground water tank(CMD):	Not applicable							
	Fire fighting - Overhead water tank(CMD):	Not applicable							
	Excess treated water	Not applicable							
Wet season:	Source of water	Not applicable							
	Fresh water (CMD):	Not applicable							
	Recycled water - Flushing (CMD):	Not applicable							
	Recycled water - Gardening (CMD):	Not applicable							
	Swimming pool make up (Cum):	Not applicable							
	Total Water Requirement (CMD) :	Not applicable							
	Fire fighting - Underground water tank(CMD):	Not applicable							
	Fire fighting - Overhead water tank(CMD):	Not applicable							
	Excess treated water	Not applicable							
Details of Swimming pool (If any)	Not applicable								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	0.600	0.600	0.	0.600	0.600	0	0	0
Gardening	0	1.40	1.40	0	1.40	1.40	0	0	0

  
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<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	17 M
	<b>Size and no of RWH tank(s) and Quantity:</b>	Not Applicable
	<b>Location of the RWH tank(s):</b>	Not Applicable
	<b>Quantity of recharge pits:</b>	01
	<b>Size of recharge pits :</b>	Mine pit will act as recharge pit
	<b>Budgetary allocation (Capital cost) :</b>	0
	<b>Budgetary allocation (O &amp; M cost) :</b>	0
	<b>Details of UGT tanks if any :</b>	NOT APPLICABLE

<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Storm water drain of 1m width x 1m depth x along peripheral length is proposed along peripheral area within safety barrier as per natural drain slopes
	<b>Quantity of storm water:</b>	24000
	<b>Size of SWD:</b>	1m x1m along the peripheral length

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	0.40
	<b>STP technology:</b>	Biotoilet proposed adjacent to ML area
	<b>Capacity of STP (CMD):</b>	0.40
	<b>Location &amp; area of the STP:</b>	Biotoilet proposed adjacent to ML area
	<b>Budgetary allocation (Capital cost):</b>	195000
	<b>Budgetary allocation (O &amp; M cost):</b>	50000


### 36.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Not Applicable
	<b>Disposal of the construction waste debris:</b>	Not Applicable
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	Being Minor Mineral all the mined out material is saleable/usable. Top Soil layer is very thin and negligible and will be utilized for peripheral plantation proposed within safetyb barrier
	<b>Wet waste:</b>	Not applicable
	<b>Hazardous waste:</b>	Not applicable
	<b>Biomedical waste (If applicable):</b>	Not applicable
	<b>STP Sludge (Dry sludge):</b>	Not applicable
	<b>Others if any:</b>	Not applicable

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

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		No			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			

### 38. Hazardous Waste Details


Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	0	0	0	0	Not applicable

### 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	0	0	Not applicable	Not applicable	Not applicable


### 40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable


  
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41.Source of Fuel		Not applicable		
42.Mode of Transportation of fuel to site		Not applicable		
<b>43.Green Belt Development</b>	<b>Total RG area :</b>	3555		
	<b>No of trees to be cut :</b>	0		
	<b>Number of trees to be planted :</b>	2720		
	<b>List of proposed native trees :</b>	Neem,Bamboo ,PEEPAL tree		
	<b>Timeline for completion of plantation :</b>	5 YEARS		
<b>44.Number and list of trees species to be planted in the ground</b>				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	NEEM	NEEM	1220	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE
2	Peepal	Peepal	500	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE
3	Bamboo	Bamboo	500	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE
4	KARANJ	kARANJ	500	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE
<b>45.Total quantity of plants on ground</b>				
<b>46.Number and list of shrubs and bushes species to be planted in the podium RG:</b>				
Serial Number	Name	C/C Distance	Area m2	
1	Not applicable	Not applicable	Not applicable	
<b>47.Energy</b>				

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

#### 48. Energy saving by non-conventional method:

Power is required for lighting purpose only. All lights will be LED lights only of suitable wattage

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

Serial Number	Energy Conservation Measures	Saving %
1	LED LIGHTS WILL BE USED FOR LIGHTING	35

#### 50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
DUST HAUL ROAD	Not applicable	WATER TANKER
DUST HAUL ROAD, DURING MINING OPERATIONS	Not applicable	SPRINKLERS
VEHICLES	Not applicable	WITH VALID PUC
DUST DURING MINING, TRANSPORT, LOADING	Not applicable	GREEN BELT DEVELOPMENT

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	35000
	<b>O &amp; M cost:</b>	5000

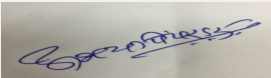
### 51. Environmental Management plan Budgetary Allocation

#### 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)
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1	Particulate Matter	MAINTENANCE OF ROAD	4.75	0.50
2	Particulate Matter	GREEN BELT DEVELOPMENT	0.36	0.25
3	Particulate Matter	TRAFFIC MANAGEMENT	0	1.20
4	Particulate Matter	DUST SUPPRESSION	0	2.34
5	Particulate Matter	HOUSEKEEPING ACTIVITIES,	0.20	0.25
6	Particulate Matter	MOINTORING OF ENV PARAMETER	0	1.00
7	SAFETY	FENCING	2.0	0.15
8	OHS	SAFETY EQUIPMENT	0.25	1.8120
9	OHS	SIX MONTHLY HEALTH CHECKUP	0	0.30
10	OHS	FACILITY OF TOILETS, FIRST AID	1.95	0.50
11	FMCP PREPAREDNESS	FMCP FUND ALLOCATION	0	1.0
12	SAFTY	SIGNAGES	0	0.15

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


Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	0	0	0	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:	0
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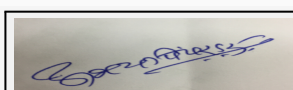
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Parking details:	Number and area of basement:	0
	Number and area of podia:	0
	Total Parking area:	0
	Area per car:	0
	Area per car:	0
	Number of 2-Wheelers as approved by competent authority:	0
	Number of 4-Wheelers as approved by competent authority:	0
	Public Transport:	0
	Width of all Internal roads (m):	6
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	29 KM
	Category as per schedule of EIA Notification sheet	1a B2
	Court cases pending if any	No
	Other Relevant Informations	20°7'51.97"N 78°46'12.41"E ,20°7'53.00"N 78°46'06.61"E 20°7'56.67"N 78°46'07.50"E ,20°7'56.00"N 78°46'13.02"E
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
<b>Water Budget</b>	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
<b>Waste Water Treatment</b>	PP proposes to provide movable toilets/ bio toilets to the workers working in the mine area and sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB.
<b>Drainage pattern of the project</b>	PP to provide garland drains to collect the rain water in the mined pits.
<b>Ground water parameters</b>	No ground water withdrawal is permitted in the proposed mine area.



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<b>Solid Waste Management</b>	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.
<b>Air Quality &amp; Noise Level issues</b>	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.
<b>Energy Management</b>	The demand for energy will be 5HP which will be supplied by MSEDCL.
<b>Traffic circulation system and risk assessment</b>	PP to provide adequate load bearing capacity road for safe plying of the heavy vehicles transporting mined material.
<b>Landscape Plan</b>	PP proposes to develop green belt of 7.5 meter width as a safety zone with dry wall and barbed wire fencing. At the time of closure of the mine the mined pits will be created as water reservoirs with all necessary safety provisions.
<b>Disaster management system and risk assessment</b>	PP proposes to provide medical aid facility on the site. DGM approved mine mate will be appointed by the PP.
<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
<b>Any other issues related to environmental sustainability</b>	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.
<b>Brief information of the project by SEAC</b>	

SEAC-AGENDA-0000000256

PP submitted their application 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 2.00 ha. at Mauza Narsala Gut No. 130 (p) , Taluka Aregaon, District Yawatmal.

MoEF&CC issued amendment to the EIA Notification dated 15<sup>th</sup> January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0-5 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 15<sup>th</sup> 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 13<sup>th</sup> September, 2018 directed MoEF&CC as below,

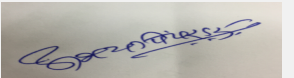
*"to take appropriate steps to revise the procedure laid down in the impugned Notification dated 15<sup>th</sup> January, 2016."*

Further the grievance on non-compliance of above order dated 13.09.2018 was brought to the notice of Hon'ble National Green Tribunal. In view of this, Hon'ble National Green Tribunal passed an order dated 11<sup>th</sup> December, 2018 with following direction,

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


In view of above orders of Hon'ble National Green Tribunal, New Delhi, SEAC-1 decided to appraise the proposal of stone quarry as per EIA Notification dated 14.09.2006 amended from time to time.

## DECISION OF SEAC

  
Abhay Pimparkar (Secretary  
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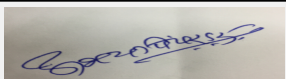
SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14<sup>th</sup> September, 2006, 15<sup>th</sup> January, 2016, and 14<sup>th</sup> August, 2018 and O.M. issued by MoEF&CC dated 18.05.2012 with respect to the procedure 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 and documents presented by the Project Proponent.

After detailed deliberations with the PP and their consultant, SEAC-1 decided to recommend the proposal for prior Environment Clearance to the SEIAA subject to the following conditions.


**Specific Conditions by SEAC:**

- 1) 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.
- 2) PP to keep 7.5 meter free safety zone all around the proposed mine area and develop it in to the green belt within a year of the commencement of the activities on site.
- 3) PP to obtain all necessary NOC's/Permissions from the competent Authority before commencing any work on proposed site.
- 4) 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.
- 5) PP to ensure no stream is diverted due to proposed quarrying activity.
- 6) 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.
- 7) PP to provide adequate measures to ensure the stability of the benches formed during mining activity to ensure safety of the people.
- 8) PP to provide adequate channels to guide the rain water to reach the mined pit and to avoid any unforeseen incident.
- 9) 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.
- 10) 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.
- 11) PP to ensure that there is no damage to any fauna and its nesting close to the proposed mining area.
- 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) No mining shall be carried out in the vicinity of natural/manmade archaeological sites.
- 14) PP to ensure that no wild life habitat is infringed.
- 15) PP to ensure that parking shall not be made on Public roads. Parking shall be on pre decided place only.
- 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 prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC on 01.05.2018.
- 18) PP to appoint qualified fore man/fore mate as a Mine Manager approved by Director General of Mines to ensure safety of the staff/labors appointed at mine site.
- 19) 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.
- 20) PP to carry out multiple air monitoring on the nearest habitat and agricultural sites to ascertain the impact of air pollution due to proposed mining activity and to provide adequate mitigation measures.
- 21) PP to ensure use of Jackhammer drilling in proposed quarry. The jackhammer drills produces more noise and do not have inbuilt water injection system. PP to ensure protective measures are provided to reduce noise exposure and dust emission due to drilling and blasting activity.
- 22) 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.
- 23) PP to provide First Aid facility at the proposed mining site.
- 24) The digital processing of the entire lease area in the district using remote sensing technique including GPS shall be monitored regularly.

  
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## FINAL RECOMMENDATION

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


SEAC-AGENDA-0000000256




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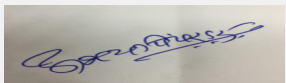
## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Proposed Project of Area at 0.30 Ha. at Dadhi Village, Tehsil - Bhatkuli, District- Amravati, State- Maharashtra.


**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Project of Area at 0.30 Ha. at Dadhi Village, Tehsil - Bhatkuli, District- Amravati, State- Maharashtra.
<b>2.Type of institution</b>	Government
<b>3.Name of Project Proponent</b>	District Mining Officer Amravati
<b>4.Name of Consultant</b>	Global Management and Engineering Consultants International
<b>5.Type of project</b>	Mining
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	NA
<b>8.Location of the project</b>	Survey/ Gut/ Khasra No. 21,22,15,14, Village - Dadhi, Tehsil - Bhatkuli, District- Amravati, State- Maharashtra., Latitude (N) Longitude (E) 1. 20°49'28.82"N 77°33'17.20"E 2. 20°49'29.72"N 77°33'24.05"E 3. 20°49'29.23"N 77°33'24.06"E 4. 20°49'28.33"N 77°33'17.21"E
<b>9.Taluka</b>	Bhatkuli
<b>10.Village</b>	Dadhi
<b>Correspondence Name:</b>	District Mining Officer Amravati - Shishir Naik
<b>Room Number:</b>	NA
<b>Floor:</b>	Ground Floor
<b>Building Name:</b>	Collect rate
<b>Road/Street Name:</b>	MH SH 243
<b>Locality:</b>	Paranjpe Colony
<b>City:</b>	Amravati
<b>11.Area of the project</b>	Other
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 00
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Mining Plan approved from Directorate of Geology & Mining Nagpur
<b>15.Total Plot Area (sq. m.)</b>	3000
<b>16.Deductions</b>	00
<b>17.Net Plot area</b>	3000
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	a) FSI area (sq. m.): 00 b) Non FSI area (sq. m.): 00 c) Total BUA area (sq. m.): 00
<b>18 (b).Approved Built up area as per DCR</b>	Approved FSI area (sq. m.): 00 Approved Non FSI area (sq. m.): 00 Date of Approval: 30-03-2019
<b>19.Total ground coverage (m2)</b>	00
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	00
<b>21.Estimated cost of the project</b>	925000

  
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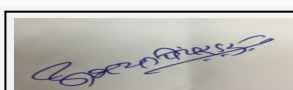
## 22. Number of buildings & its configuration

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	NA		
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	Sand (Total Quantity in Brass)	00	530	530

## 32. Total Water Requirement



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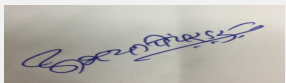


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Dry season:	Source of water	Government
	Fresh water (CMD):	3.5
	Recycled water - Flushing (CMD):	00
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	3.5
	Fire fighting - Underground water tank(CMD):	00
	Fire fighting - Overhead water tank(CMD):	00
	Excess treated water	00
Wet season:	Source of water	00
	Fresh water (CMD):	00
	Recycled water - Flushing (CMD):	00
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	00
	Fire fighting - Underground water tank(CMD):	00
	Fire fighting - Overhead water tank(CMD):	00
	Excess treated water	00
Details of Swimming pool (If any)	Not applicable	


### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	00	1.0	1.0	00	1.0	1.0	00	00	00
Fresh water requirement	00	2.5	2.5	00	2.5	2.5	00	00	00


  
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<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	NA
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	NA
	<b>Size of recharge pits :</b>	NA
	<b>Budgetary allocation (Capital cost) :</b>	NA
	<b>Budgetary allocation (O &amp; M cost) :</b>	NA
	<b>Details of UGT tanks if any :</b>	NA
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	NA
	<b>Quantity of storm water:</b>	NA
	<b>Size of SWD:</b>	NA
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	0.80
	<b>STP technology:</b>	Use Mobile Toilet
	<b>Capacity of STP (CMD):</b>	NA
	<b>Location &amp; area of the STP:</b>	NA
	<b>Budgetary allocation (Capital cost):</b>	200000
	<b>Budgetary allocation (O &amp; M cost):</b>	NA
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	NA
	<b>Disposal of the construction waste debris:</b>	NA
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	1.2 kg/day
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA

  
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Collect in waste bin and send to nearby disposal facility
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	NA
	<b>Area for the storage of waste &amp; other material:</b>	NA
	<b>Area for machinery:</b>	NA
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	15000
	<b>O &amp; M cost:</b>	NA

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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

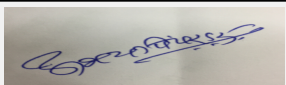
### 39. Stacks emission Details

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	NA	NA	NA	NA

41. Source of Fuel	NA
42. Mode of Transportation of fuel to site	NA

  
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<b>43.Green Belt Development</b>	Total RG area :	NA
	No of trees to be cut :	NA
	Number of trees to be planted :	NA
	List of proposed native trees :	NA
	Timeline for completion of plantation :	NA

**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**

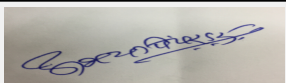
<b>Power requirement:</b>	Source of power supply :	NA
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	NA
	During Operation phase (Demand load):	NA
	Transformer:	NA
	DG set as Power back-up during operation phase:	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

  
**Abhay Pimparkar (Secretary SEAC-I)**

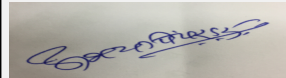
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Signature:   
 Name: Dr. Umakant Dangat  
**Dr. Umakant Dangat (Chairman SEAC-I)**




50.Details of pollution control Systems							
Source	Existing pollution control system			Proposed to be installed			
SPM from Haul Road	NA			Water Sprinkling			
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	1	Environment Monitoring (Air, Water, Soil and Noise)	0.36	00			
2	2	Water Sprinkling	0.30	00			
3	3	Unpaved/ Haul road maintenance	0.20	00			
4	4	Occupational Health & safety	2.49	00			
5	5	Tarpaulin	0.05	00			
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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					

  
**Abhay Pimparkar (Secretary SEAC-I)**

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**Dr. Umakant Dangat (Chairman SEAC-I)**

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	1 (a) B2
	Court cases pending if any	Not Any
	Other Relevant Informations	Not Any
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-


## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
<b>Water Budget</b>	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
<b>Waste Water Treatment</b>	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 conform to the standards prescribed by MoEF&CC and CPCB.
<b>Drainage pattern of the project</b>	Not Applicable
<b>Ground water parameters</b>	No ground water withdrawal shall be permitted in the proposed sand mine area.

  
**Abhay Pimparkar (Secretary SEAC-I)**

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<b>Solid Waste Management</b>	No solid waste will be generated from proposed activity. PP to provide dust bins for the collection of solid waste if any.
<b>Air Quality &amp; Noise Level issues</b>	PP proposes water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
<b>Energy Management</b>	No energy is required for proposed activity.
<b>Traffic circulation system and risk assessment</b>	Not Applicable
<b>Landscape Plan</b>	Not Applicable
<b>Disaster management system and risk assessment</b>	PP proposes to provide caution boards & signage's to prevent any unforeseen accident.
<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
<b>Any other issues related to environmental sustainability</b>	PP to ensure that only manual mining is permitted and no mechanical or other devices shall be used for the purpose. No mining activity shall be carried out after sunset and before sun rise.
<b>Brief information of the project by SEAC</b>	

SEAC-AGENDA-0000002256

MoEF&CC issued amendment to the EIA Notification dated 15<sup>th</sup> January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0-5 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 15<sup>th</sup> 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 13<sup>th</sup> September, 2018 directed MoEF&CC as below,

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

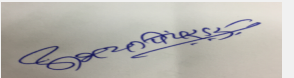
Further the grievance on non-compliance of above order was brought to the notice of Hon'ble National Green Tribunal vide execution application No. 55/2018 in O.A. No. 520/2106. In view of the execution application, Hon'ble National Green Tribunal passed order on 11<sup>th</sup> December, 2018 with following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

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

In view of above order the Revenue Department, State of Maharashtra issued letter on 15<sup>th</sup> December, 2018 to all Divisional Commissioners and District Collectors in the State directing them to submit all sand ghat proposals to the State Expert Appraisal Committee and State Environment Impact Assessment Authority for the grant of prior Environment Clearance.


State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 165<sup>th</sup> meeting held on 3<sup>rd</sup> to 8<sup>th</sup> May, 2019.

## DECISION OF SEAC

  
Abhay Pimparkar (Secretary  
SEAC-I)

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SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14<sup>th</sup> September, 2006, 15<sup>th</sup> January, 2016, and 14<sup>th</sup> 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.

PP informed that the proposed ghat is reserved for Government works only.

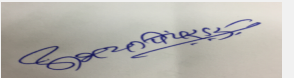
After detailed deliberations with the PP SEAC-1 decided to recommend the proposal to the SEIAA for prior Environment Clearance subject to the following conditions.

**Specific Conditions by SEAC:**

- 1) PP to ensure no stream is diverted due to sand mining activity.
- 2) PP shall carry out sand mining by manual method only. No mechanical/electrical/power driven devices shall be used for sand mining.
- 3) 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.
- 4) PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department.
- 5) PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector and District Mining Officer shall be held responsible for the noncompliance of the conditions.
- 6) PP to ensure that there is no damage to any fauna and its nesting close to the sand mining.
- 7) 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.
- 8) The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [ SLP (C ) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 be strictly followed.
- 9) PP to provide movable 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.
- 10) PP to ensure that no wild life habitat is infringed.
- 11) PP to ensure that parking shall not be made on Public roads or in the river bed.
- 12) The sand transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- 13) PP to provide First Aid facility at the proposed mining site.
- 14) The digital processing of the entire lease area in the district using remote sensing technique including GPS shall be monitored regularly.


**FINAL RECOMMENDATION**

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

  
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**Dr. Umakant Dangat  
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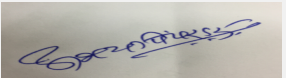
## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Proposed Sand Mining Project of Area 1.80 Ha. at Dadhi Village, Tehsil - Bhatkuli, District- Amravati, State- Maharashtra.


**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Sand Mining Project of Area 1.80 Ha. at Dadhi Village, Tehsil - Bhatkuli, District- Amravati, State- Maharashtra.
<b>2.Type of institution</b>	Government
<b>3.Name of Project Proponent</b>	District Mining Officer Amravati
<b>4.Name of Consultant</b>	Global Management and Engineering Consultants International
<b>5.Type of project</b>	Mining
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	NA
<b>8.Location of the project</b>	Survey/ Gut/ Khasra No. 121,122,123,124,125, Village -Dadhi, Tehsil - Bhatkuli, District- Amravati, State- Maharashtra., Latitude (N) Longitude (E) 1. 20°49'31.96"N 77°34'0.04"E 2. 20°49'32.53"N 77°34'6.42"E 3. 20°49'37.20"N 77°34'13.00"E 4. 20°49'44.25"N 77°34'14.69"E 5. 20°49'52.48"N 77°34'13.94"E 6. 20°49'52.52"N 77°34'13.24"E 7. 20°49'44.31"N 77°34'14.00"E 8. 20°49'37.55"N 77°34'12.39"E 9. 20°49'33.18"N 77°34'6.16"E 20. 20°49'32.69"N 77°33'59.95"E
<b>9.Taluka</b>	Bhatkuli
<b>10.Village</b>	Dadhi
<b>Correspondence Name:</b>	District Mining Officer Amravati - Shishir Naik
<b>Room Number:</b>	NA
<b>Floor:</b>	Ground Floor
<b>Building Name:</b>	Collect rate
<b>Road/Street Name:</b>	MH SH 243
<b>Locality:</b>	Paranjpe Colony
<b>City:</b>	Amravati
<b>11.Area of the project</b>	Other
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	NA <b>IOD/IOA/Concession/Plan Approval Number: NA</b> <b>Approved Built-up Area: 00</b>
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Mining Plan approved from Directorate of Geology & Mining Nagpur
<b>15.Total Plot Area (sq. m.)</b>	18000
<b>16.Deductions</b>	00
<b>17.Net Plot area</b>	18000
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 00
	<b>b) Non FSI area (sq. m.):</b> 00
	<b>c) Total BUA area (sq. m.):</b> 00
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> 00
	<b>Approved Non FSI area (sq. m.):</b> 00
	<b>Date of Approval:</b> 30-03-2019
<b>19.Total ground coverage (m2)</b>	00
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	00

  
**Abhay Pimparkar (Secretary SEAC-I)**

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21. Estimated cost of the project	5550000
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## 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	NA		
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	Sand (Total Quantity in Brass)	00	3180	3180

## 32. Total Water Requirement



**Abhay Pimparkar (Secretary SEAC-I)**

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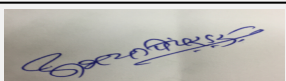


**Dr. Umakant Dangat (Chairman SEAC-I)**

Dry season:	Source of water	Government
	Fresh water (CMD):	7.0
	Recycled water - Flushing (CMD):	00
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	7.0
	Fire fighting - Underground water tank(CMD):	00
	Fire fighting - Overhead water tank(CMD):	00
	Excess treated water	00
Wet season:	Source of water	00
	Fresh water (CMD):	00
	Recycled water - Flushing (CMD):	00
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	00
	Fire fighting - Underground water tank(CMD):	00
	Fire fighting - Overhead water tank(CMD):	00
	Excess treated water	00
Details of Swimming pool (If any)	Not applicable	


### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	00	2.0	2.0	00	2.0	2.0	00	00	00
Fresh water requirement	00	5.0	5.0	00	5.0	5.0	00	00	00

  
**Abhay Pimparkar (Secretary SEAC-I)**

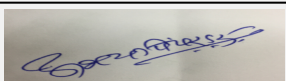
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**Dr. Umakant Dangat (Chairman SEAC-I)**




<b>34.Rain Water Harvesting (RWH)</b>	Level of the Ground water table:	NA
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	NA
	Budgetary allocation (O & M cost) :	NA
	Details of UGT tanks if any :	NA
<b>35.Storm water drainage</b>	Natural water drainage pattern:	NA
	Quantity of storm water:	NA
	Size of SWD:	NA
<b>Sewage and Waste water</b>	Sewage generation in KLD:	1.60
	STP technology:	Use Mobile Toilet
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	200000
	Budgetary allocation (O & M cost):	NA
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	Waste generation:	NA
	Disposal of the construction waste debris:	NA
<b>Waste generation in the operation Phase:</b>	Dry waste:	3.0 kg/day
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA

  
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Collect in waste bin and send to nearby disposal facility
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	NA
	<b>Area for the storage of waste &amp; other material:</b>	NA
	<b>Area for machinery:</b>	NA
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	15000
	<b>O &amp; M cost:</b>	NA

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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	NA	NA	NA	NA

41. Source of Fuel	NA
42. Mode of Transportation of fuel to site	NA

  
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<b>43.Green Belt Development</b>	Total RG area :	NA
	No of trees to be cut :	NA
	Number of trees to be planted :	NA
	List of proposed native trees :	NA
	Timeline for completion of plantation :	NA

**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**


<b>Power requirement:</b>	Source of power supply :	NA
	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

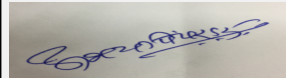
  
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50.Details of pollution control Systems							
Source	Existing pollution control system			Proposed to be installed			
SPM from Haul Road	NA			Water Sprinkling			
Budgetary allocation (Capital cost and O&M cost):	Capital cost:		NA				
	O & M cost:		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	1	Environment Monitoring (Air, Water, Soil and Noise)	0.36	00			
2	2	Water Sprinkling	0.50	00			
3	3	Unpaved/ Haul road maintenance	0.30	00			
4	4	Occupational Health & safety	2.69	00			
5	5	Tarpaulin	0.05	00			
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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					

  
**Abhay Pimparkar (Secretary SEAC-I)**

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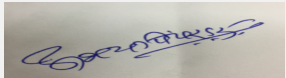
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Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	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	1 (a) B2
	Court cases pending if any	Not Any
	Other Relevant Informations	Not Any
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-


## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
<b>Water Budget</b>	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
<b>Waste Water Treatment</b>	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 conform to the standards prescribed by MoEF&CC and CPCB.
<b>Drainage pattern of the project</b>	Not Applicable
<b>Ground water parameters</b>	No ground water withdrawal shall be permitted in the proposed sand mine area.

  
**Abhay Pimparkar (Secretary SEAC-I)**

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**Signature:**   
**Name: Dr. Umakant Dangat**  
**Dr. Umakant Dangat  
(Chairman SEAC-I)**

<b>Solid Waste Management</b>	No solid waste will be generated from proposed activity. PP to provide dust bins for the collection of solid waste if any.
<b>Air Quality &amp; Noise Level issues</b>	PP proposes water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
<b>Energy Management</b>	No energy is required for proposed activity.
<b>Traffic circulation system and risk assessment</b>	Not Applicable
<b>Landscape Plan</b>	Not Applicable
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<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
<b>Any other issues related to environmental sustainability</b>	PP to ensure that only manual mining is permitted and no mechanical or other devices shall be used for the purpose. No mining activity shall be carried out after sunset and before sun rise.
<b>Brief information of the project by SEAC</b>	

SEAC-AGENDA-0000002256

MoEF&CC issued amendment to the EIA Notification dated 15<sup>th</sup> January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0-5 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 15<sup>th</sup> 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 13<sup>th</sup> September, 2018 directed MoEF&CC as below,

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

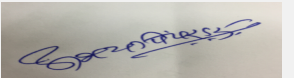
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*"we also make it clear that till a fresh Notification is issued by the MoEF&CC, Notification dated 15<sup>th</sup> January, 2016 will not be acted upon."*

In view of above order the Revenue Department, State of Maharashtra issued letter on 15<sup>th</sup> December, 2018 to all Divisional Commissioners and District Collectors in the State directing them to submit all sand ghat proposals to the State Expert Appraisal Committee and State Environment Impact Assessment Authority for the grant of prior Environment Clearance.


State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 165<sup>th</sup> meeting held on 3<sup>rd</sup> to 8<sup>th</sup> May, 2019.

## DECISION OF SEAC

  
Abhay Pimparkar (Secretary  
SEAC-I)

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**Dr. Umakant Dangat  
(Chairman SEAC-I)**

SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14<sup>th</sup> September, 2006, 15<sup>th</sup> January, 2016, and 14<sup>th</sup> 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.

PP informed that the proposed ghat is reserved for Government works only.


After detailed deliberations with the PP SEAC-1 decided to recommend the proposal to the SEIAA for prior Environment Clearance subject to the following conditions.

**Specific Conditions by SEAC:**

- 1) PP to ensure no stream is diverted due to sand mining activity.
- 2) PP shall carry out sand mining by manual method only. No mechanical/electrical/power driven devices shall be used for sand mining.
- 3) 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.
- 4) PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department.
- 5) PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector and District Mining Officer shall be held responsible for the noncompliance of the conditions.
- 6) PP to ensure that there is no damage to any fauna and its nesting close to the sand mining.
- 7) 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.
- 8) The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [ SLP ( C ) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 be strictly followed.
- 9) PP to provide movable 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.
- 10) PP to ensure that no wild life habitat is infringed.
- 11) PP to ensure that parking shall not be made on Public roads or in the river bed.
- 12) The sand transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- 13) PP to provide First Aid facility at the proposed mining site.
- 14) The digital processing of the entire lease area in the district using remote sensing technique including GPS shall be monitored regularly.


**FINAL RECOMMENDATION**

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

  
**Abhay Pimparkar (Secretary  
SEAC-I)**

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**Dr. Umakant Dangat  
(Chairman SEAC-I)**




## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Proposed Project of Area 2.00Ha. at Chandikapur Village, Tehsil - Daryapur, District- Amravati, State- Maharashtra.


**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Project of Area 2.00Ha. at Chandikapur Village, Tehsil - Daryapur, District- Amravati, State- Maharashtra.
<b>2.Type of institution</b>	Government
<b>3.Name of Project Proponent</b>	District Mining Officer Amravati
<b>4.Name of Consultant</b>	Global Management and Engineering Consultants International
<b>5.Type of project</b>	Mining
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	NA
<b>8.Location of the project</b>	Survey/ Gut/ Khasra No. 125, 126, 128, 129, 139, 69, 70,71, 140, 145, 147, 148, 149, 118, 138, 113 & 119, Chandikapur Sand Ghat on Purna River, Village -Chandikapur , Tehsil - Daryapur, District- Amravati, State- Maharashtra., Latitude (N) Longitude (E) 1. 20°59'6.56"N 77°30'45.62"E 2. 20°58'56.81"N 77°30'41.75"E 3. 20°58'50.68"N 77°30'38.23"E 4. 20°58'47.37"N 77°30'38.73"E 5. 20°58'47.49"N 77°30'41.27"E 6. 20°58'50.41"N 77°30'43.16"E 7. 20°58'51.78"N 77°30'46.20"E 8. 20°58'51.10"N 77°30'49.13"E 9. 20°58'50.48"N 77°30'48.94"E 10. 20°58'51.03"N 77°30'46.21"E 11. 20°58'49.79"N 77°30'43.59"E 12. 20°58'47.00"N 77°30'41.70"E 13. 20°58'46.75"N 77°30'38.24"E 14. 20°58'50.76"N 77°30'37.53"E 15. 20°58'57.09"N 77°30'41.12"E 16. 20°59'6.79"N 77°30'44.98"E
<b>9.Taluka</b>	Daryapur
<b>10.Village</b>	Chandikapur
<b>Correspondence Name:</b>	District Mining Officer Amravati - Shishir Naik
<b>Room Number:</b>	NA
<b>Floor:</b>	Ground Floor
<b>Building Name:</b>	Collect rate
<b>Road/Street Name:</b>	MH SH 243.
<b>Locality:</b>	Paranjpe Colony
<b>City:</b>	Amravati
<b>11.Area of the project</b>	Other
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 00
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / TOD from MHADA/ Other approvals (If applicable)</b>	Mining Plan approved from Directorate of Geology & Mining Nagpur
<b>15.Total Plot Area (sq. m.)</b>	20000
<b>16.Deductions</b>	00
<b>17.Net Plot area</b>	20000
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	a) FSI area (sq. m.): 00 b) Non FSI area (sq. m.): 00 c) Total BUA area (sq. m.): 00
<b>18 (b).Approved Built up area as per DCR</b>	Approved FSI area (sq. m.): 00 Approved Non FSI area (sq. m.): 00 Date of Approval: 30-03-2019
<b>19.Total ground coverage (m2)</b>	00


  
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(Chairman SEAC-I)**

20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	00			
21. Estimated cost of the project	6167800			
<b>22. Number of buildings &amp; its configuration</b>				
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	NA			
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			
<b>31. Production Details</b>				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Sand (Total Quantity in Brass)	00	3534	3534
<b>32. Total Water Requirement</b>				

  
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**Dr. Umakant Dangat (Chairman SEAC-I)**

Dry season:	Source of water	Government
	Fresh water (CMD):	7.0
	Recycled water - Flushing (CMD):	00
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	7.0
	Fire fighting - Underground water tank(CMD):	00
	Fire fighting - Overhead water tank(CMD):	00
	Excess treated water	00
Wet season:	Source of water	00
	Fresh water (CMD):	00
	Recycled water - Flushing (CMD):	00
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	00
	Fire fighting - Underground water tank(CMD):	00
	Fire fighting - Overhead water tank(CMD):	00
	Excess treated water	00
Details of Swimming pool (If any)	Not applicable	

### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	00	2.0	2.0	00	2.0	2.0	00	00	00
Fresh water requirement	00	5.0	5.0	00	5.0	5.0	00	00	00


  
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**Dr. Umakant Dangat (Chairman SEAC-I)**

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	NA
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	NA
	<b>Size of recharge pits :</b>	NA
	<b>Budgetary allocation (Capital cost) :</b>	NA
	<b>Budgetary allocation (O &amp; M cost) :</b>	NA
	<b>Details of UGT tanks if any :</b>	NA
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	NA
	<b>Quantity of storm water:</b>	NA
	<b>Size of SWD:</b>	NA
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	1.60
	<b>STP technology:</b>	Use Mobile Toilet
	<b>Capacity of STP (CMD):</b>	NA
	<b>Location &amp; area of the STP:</b>	NA
	<b>Budgetary allocation (Capital cost):</b>	200000
	<b>Budgetary allocation (O &amp; M cost):</b>	NA
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	NA
	<b>Disposal of the construction waste debris:</b>	NA
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	3.0 kg/day
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA

  
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Collect in waste bin and send to nearby disposal facility
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	NA
	<b>Area for the storage of waste &amp; other material:</b>	NA
	<b>Area for machinery:</b>	NA
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	15000
	<b>O &amp; M cost:</b>	NA

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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

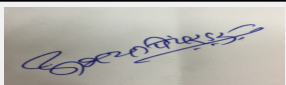
### 39. Stacks emission Details

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	NA	NA	NA	NA

41. Source of Fuel	NA
42. Mode of Transportation of fuel to site	NA

  
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<b>43.Green Belt Development</b>	Total RG area :	NA
	No of trees to be cut :	NA
	Number of trees to be planted :	NA
	List of proposed native trees :	NA
	Timeline for completion of plantation :	NA

**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**


<b>Power requirement:</b>	Source of power supply :	NA
	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

  
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**Dr. Umakant Dangat (Chairman SEAC-I)**

50.Details of pollution control Systems							
Source	Existing pollution control system			Proposed to be installed			
SPM from Haul Road	NA			Water Sprinkling			
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	1	Environment Monitoring (Air, Water, Soil and Noise)	0.36	00			
2	2	Water Sprinkling	0.50	00			
3	3	Unpaved/ Haul road maintenance	0.25	00			
4	4	Occupational Health & safety	2.49	00			
5	5	Tarpaulin	0.05	00			
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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	1 (a) B2
	Court cases pending if any	Not Any
	Other Relevant Informations	Not Any
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

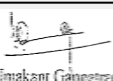
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<b>Water Budget</b>	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
<b>Waste Water Treatment</b>	PP to provide movable toilets to the workers working in the mine area and sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB.
<b>Drainage pattern of the project</b>	Not Applicable
<b>Ground water parameters</b>	No ground water withdrawal shall be permitted in the proposed sand mine area.

  
**Abhay Pimparkar (Secretary SEAC-I)**

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<b>Solid Waste Management</b>	No solid waste will be generated from proposed activity. PP to provide dust bins for the collection of solid waste if any.
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<b>Traffic circulation system and risk assessment</b>	Not Applicable
<b>Landscape Plan</b>	Not Applicable
<b>Disaster management system and risk assessment</b>	PP proposes to provide caution boards & signage's to prevent any unforeseen accident.
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SEAC-AGENDA-0000002256

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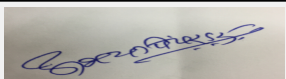
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State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 165<sup>th</sup> meeting held on 3<sup>rd</sup> to 8<sup>th</sup> May, 2019.

## DECISION OF SEAC

  
Abhay Pimparkar (Secretary  
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**Dr. Umakant Dangat  
(Chairman SEAC-I)**

SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14<sup>th</sup> September, 2006, 15<sup>th</sup> January, 2016, and 14<sup>th</sup> 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.

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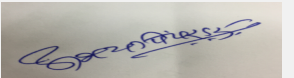
After detailed deliberations with the PP SEAC-1 decided to recommend the proposal to the SEIAA for prior Environment Clearance subject to the following conditions.

**Specific Conditions by SEAC:**

- 1) PP to ensure no stream is diverted due to sand mining activity.
- 2) PP shall carry out sand mining by manual method only. No mechanical/electrical/power driven devices shall be used for sand mining.
- 3) 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.
- 4) PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department.
- 5) PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector and District Mining Officer shall be held responsible for the noncompliance of the conditions.
- 6) PP to ensure that there is no damage to any fauna and its nesting close to the sand mining.
- 7) 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.
- 8) The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [ SLP (C ) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 be strictly followed.
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- 14) The digital processing of the entire lease area in the district using remote sensing technique including GPS shall be monitored regularly.


**FINAL RECOMMENDATION**

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

  
**Abhay Pimparkar (Secretary  
SEAC-I)**

**SEAC Meeting No: 165th -Day 1 Meeting Date:  
May 3, 2019**

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Signature:   
Name: Dr. Umakant Dangat  
**Dr. Umakant Dangat  
(Chairman SEAC-I)**

## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

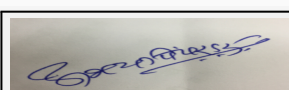
**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Proposed Sand Mining Project of Area Area 0.26 Ha. at Bhujwada Village, Tehsil - Daryapur, District- Amravati, State- Maharashtra.

**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Sand Mining Project of Area Area 0.26 Ha. at Bhujwada Village, Tehsil - Daryapur, District- Amravati, State- Maharashtra.
<b>2.Type of institution</b>	Government
<b>3.Name of Project Proponent</b>	District Mining Officer Amravati
<b>4.Name of Consultant</b>	Global Management and Engineering Consultants International
<b>5.Type of project</b>	Mining
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	NA
<b>8.Location of the project</b>	Survey/ Gut/ Khasra No. 1,121,203 & 204, Village -Bhujwada, Tehsil - Daryapur, District- Amravati, State- Maharashtra., Latitude (N) Longitude (E) 1. 20°50'51.33
<b>9.Taluka</b>	Daryapur
<b>10.Village</b>	Bhujwada
<b>Correspondence Name:</b>	District Mining Officer Amravati - Shishir Naik
<b>Room Number:</b>	NA
<b>Floor:</b>	Ground Floor
<b>Building Name:</b>	Collect rate
<b>Road/Street Name:</b>	MH SH 243
<b>Locality:</b>	Paranjpe Colony
<b>City:</b>	Amravati
<b>11.Area of the project</b>	Other
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 00
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Mining Plan approved from Directorate of Geology & Mining Nagpur
<b>15.Total Plot Area (sq. m.)</b>	2600
<b>16.Deductions</b>	00
<b>17.Net Plot area</b>	2600
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	a) FSI area (sq. m.): 00
	b) Non FSI area (sq. m.): 00
	c) Total BUA area (sq. m.): 00
<b>18 (b).Approved Built up area as per DCR</b>	Approved FSI area (sq. m.): 00
	Approved Non FSI area (sq. m.): 00
	Date of Approval: 30-03-2019
<b>19.Total ground coverage (m2)</b>	00
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	00
<b>21.Estimated cost of the project</b>	787200

## 22.Number of buildings & its configuration



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**Dr. Umakant Dangat (Chairman SEAC-I)**

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	NA			
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			
<b>31.Production Details</b>				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Sand (Total Quantity in Brass)	00	451	451
<b>32.Total Water Requirement</b>				


  
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 Name: Dr. Umakant Dangat  
**Dr. Umakant Dangat (Chairman SEAC-I)**

Dry season:	Source of water	Government							
	Fresh water (CMD):	3.5							
	Recycled water - Flushing (CMD):	00							
	Recycled water - Gardening (CMD):	00							
	Swimming pool make up (Cum):	00							
	Total Water Requirement (CMD) :	3.5							
	Fire fighting - Underground water tank(CMD):	00							
	Fire fighting - Overhead water tank(CMD):	00							
	Excess treated water	00							
Wet season:	Source of water	00							
	Fresh water (CMD):	00							
	Recycled water - Flushing (CMD):	00							
	Recycled water - Gardening (CMD):	00							
	Swimming pool make up (Cum):	00							
	Total Water Requirement (CMD) :	00							
	Fire fighting - Underground water tank(CMD):	00							
	Fire fighting - Overhead water tank(CMD):	00							
	Excess treated water	00							
Details of Swimming pool (If any)	NA								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	00	1.0	1.0	00	1.0	1.0	00	00	00
Fresh water requirement	00	2.50	2.50	00	2.50	2.50	00	00	00


  
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 Name: Dr. Umakant Dangat  
**Dr. Umakant Dangat (Chairman SEAC-I)**

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	NA
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	NA
	<b>Size of recharge pits :</b>	NA
	<b>Budgetary allocation (Capital cost) :</b>	NA
	<b>Budgetary allocation (O &amp; M cost) :</b>	NA
	<b>Details of UGT tanks if any :</b>	NA
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	NA
	<b>Quantity of storm water:</b>	NA
	<b>Size of SWD:</b>	NA
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	0.80
	<b>STP technology:</b>	Use Mobile Toilet
	<b>Capacity of STP (CMD):</b>	NA
	<b>Location &amp; area of the STP:</b>	NA
	<b>Budgetary allocation (Capital cost):</b>	200000
	<b>Budgetary allocation (O &amp; M cost):</b>	NA
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	NA
	<b>Disposal of the construction waste debris:</b>	NA
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	1.2 kg/day
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA

  
**Abhay Pimparkar (Secretary SEAC-I)**

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**Name: Dr. Umakant Dangat (Chairman SEAC-I)**

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Collect in waste bin and send to nearby disposal facility
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	NA
	<b>Area for the storage of waste &amp; other material:</b>	NA
	<b>Area for machinery:</b>	NA
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	15000
	<b>O &amp; M cost:</b>	NA

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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	NA	NA	NA	NA

41. Source of Fuel	NA
42. Mode of Transportation of fuel to site	NA

  
**Abhay Pimparkar (Secretary SEAC-I)**

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Signature:   
**Dr. Umakant Dangat (Chairman SEAC-I)**



<b>43.Green Belt Development</b>	Total RG area :	NA
	No of trees to be cut :	NA
	Number of trees to be planted :	NA
	List of proposed native trees :	NA
	Timeline for completion of plantation :	NA

#### 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


<b>Power requirement:</b>	Source of power supply :	NA
	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

  
Abhay Pimparkar (Secretary SEAC-I)

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Name: Dr. Umakant Dangat  
Dr. Umakant Dangat  
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50.Details of pollution control Systems							
Source	Existing pollution control system			Proposed to be installed			
SPM from Haul Road	NA			Water Sprinkling			
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	1	Environment Monitoring (Air, Water, Soil and Noise)	0.36	00			
2	2	Water Sprinkling	0.20	00			
3	3	Unpaved/ Haul road maintenance	0.25	00			
4	4	Occupational Health & safety	2.49	00			
5	5	Tarpaulin	0.05	00			
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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	1 (a) B2
	Court cases pending if any	Not Any
	Other Relevant Informations	Not Any
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
<b>Water Budget</b>	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
<b>Waste Water Treatment</b>	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 conform to the standards prescribed by MoEF&CC and CPCB.
<b>Drainage pattern of the project</b>	Not Applicable
<b>Ground water parameters</b>	No ground water withdrawal shall be permitted in the proposed sand mine area.

  
**Abhay Pimparkar (Secretary SEAC-I)**

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**Name: Dr. Umakant Dangat**  
**Dr. Umakant Dangat  
(Chairman SEAC-I)**

<b>Solid Waste Management</b>	No solid waste will be generated from proposed activity. PP to provide dust bins for the collection of solid waste if any.
<b>Air Quality &amp; Noise Level issues</b>	PP proposes water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
<b>Energy Management</b>	No energy is required for proposed activity.
<b>Traffic circulation system and risk assessment</b>	Not Applicable
<b>Landscape Plan</b>	Not Applicable
<b>Disaster management system and risk assessment</b>	PP proposes to provide caution boards & signage's to prevent any unforeseen accident.
<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
<b>Any other issues related to environmental sustainability</b>	PP to ensure that only manual mining is permitted and no mechanical or other devices shall be used for the purpose. No mining activity shall be carried out after sunset and before sun rise.
<b>Brief information of the project by SEAC</b>	

SEAC-AGENDA-0000002256

MoEF&CC issued amendment to the EIA Notification dated 15<sup>th</sup> January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0-5 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 15<sup>th</sup> 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 13<sup>th</sup> September, 2018 directed MoEF&CC as below,

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

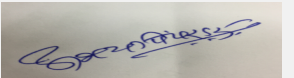
Further the grievance on non-compliance of above order was brought to the notice of Hon'ble National Green Tribunal vide execution application No. 55/2018 in O.A. No. 520/2106. In view of the execution application, Hon'ble National Green Tribunal passed order on 11<sup>th</sup> December, 2018 with following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

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

In view of above order the Revenue Department, State of Maharashtra issued letter on 15<sup>th</sup> December, 2018 to all Divisional Commissioners and District Collectors in the State directing them to submit all sand ghat proposals to the State Expert Appraisal Committee and State Environment Impact Assessment Authority for the grant of prior Environment Clearance.


State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 165<sup>th</sup> meeting held on 3<sup>rd</sup> to 8<sup>th</sup> May, 2019.

## DECISION OF SEAC

  
Abhay Pimparkar (Secretary  
SEAC-I)

**SEAC Meeting No: 165th -Day 1 Meeting Date:  
May 3, 2019**

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Signature:   
Name: Dr. Umakant Dangat  
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(Chairman SEAC-I)**

SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14<sup>th</sup> September, 2006, 15<sup>th</sup> January, 2016, and 14<sup>th</sup> 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.

PP informed that the proposed ghat is reserved for Government works only.

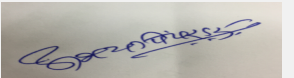
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- 14) The digital processing of the entire lease area in the district using remote sensing technique including GPS shall be monitored regularly.


**FINAL RECOMMENDATION**

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

  
**Abhay Pimparkar (Secretary  
SEAC-I)**

**SEAC Meeting No: 165th -Day 1 Meeting Date:  
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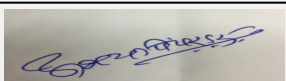
## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Proposed Sand Mining Project of Area 4.00 Ha. at ChakurVillage, Tehsil - Bhatkuli, District- Amravati, State- Maharashtra.

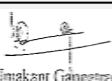
**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Sand Mining Project of Area 4.00 Ha. at ChakurVillage, Tehsil - Bhatkuli, District- Amravati, State- Maharashtra.
<b>2.Type of institution</b>	Government
<b>3.Name of Project Proponent</b>	District Mining Officer Amravati
<b>4.Name of Consultant</b>	Global Management and Engineering Consultants International
<b>5.Type of project</b>	Mining
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	NA
<b>8.Location of the project</b>	Survey/ Gut/ Khasra No. 1,11,12,13,14,144 & 147, Chakur Village, Tehsil - Bhatkuli, District- Amravati, State- Maharashtra., Latitude (N) Longitude (E) 1. 20°52'33.10"N 77°35'43.14"E 2. 20°52'26.55"N 77°35'51.76"E 3. 20°52'22.72"N 77°35'51.74"E 4. 20°52'17.90"N 77°35'50.36"E 5. 20°52'15.47"N 77°35'47.60"E 6. 20°52'14.62"N 77°35'44.10"E 7. 20°52'13.34"N 77°35'44.20"E 8. 20°52'13.96"N 77°35'48.30"E 9. 20°52'16.29"N 77°35'51.21"E 10. 20°52'25.74"N 77°35'53.44"E 11. 20°52'28.48"N 77°35'52.55"E 12. 20°52'34.40"N 77°35'44.43"E
<b>9.Taluka</b>	Bhatkuli
<b>10.Village</b>	Chakur
<b>Correspondence Name:</b>	District Mining Officer Amravati - Shishir Naik
<b>Room Number:</b>	NA
<b>Floor:</b>	Ground Floor
<b>Building Name:</b>	Collect rate
<b>Road/Street Name:</b>	MH SH 243
<b>Locality:</b>	Paranjpe Colony
<b>City:</b>	Amravati
<b>11.Area of the project</b>	Other
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 00
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Mining Plan approved from Directorate of Geology & Mining Nagpur
<b>15.Total Plot Area (sq. m.)</b>	40000
<b>16.Deductions</b>	00
<b>17.Net Plot area</b>	40000
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 00
	<b>b) Non FSI area (sq. m.):</b> 00
	<b>c) Total BUA area (sq. m.):</b> 00
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> 00
	<b>Approved Non FSI area (sq. m.):</b> 00
	<b>Date of Approval:</b> 30-03-2019
<b>19.Total ground coverage (m2)</b>	Not applicable


  
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20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)		Not applicable		
21. Estimated cost of the project		12333800		
<b>22. Number of buildings &amp; its configuration</b>				
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		NA		
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		
<b>31. Production Details</b>				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Sand (Total Quantity in Brass)	00	7067	7067
<b>32. Total Water Requirement</b>				

  
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Dry season:	Source of water	Government							
	Fresh water (CMD):	7.0							
	Recycled water - Flushing (CMD):	00							
	Recycled water - Gardening (CMD):	00							
	Swimming pool make up (Cum):	00							
	Total Water Requirement (CMD) :	7.0							
	Fire fighting - Underground water tank(CMD):	00							
	Fire fighting - Overhead water tank(CMD):	00							
	Excess treated water	00							
Wet season:	Source of water	00							
	Fresh water (CMD):	00							
	Recycled water - Flushing (CMD):	00							
	Recycled water - Gardening (CMD):	00							
	Swimming pool make up (Cum):	00							
	Total Water Requirement (CMD) :	00							
	Fire fighting - Underground water tank(CMD):	00							
	Fire fighting - Overhead water tank(CMD):	00							
	Excess treated water	00							
Details of Swimming pool (If any)	Not applicable								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	00	2.0	2.0	00	2.0	2.0	00	00	00
Domestic	00	5.0	5.0	00	5.0	5.0	00	00	00

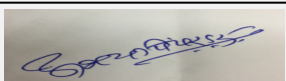
  
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<b>34.Rain Water Harvesting (RWH)</b>	Level of the Ground water table:	NA
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	NA
	Budgetary allocation (O & M cost) :	NA
	Details of UGT tanks if any :	NA
<b>35.Storm water drainage</b>	Natural water drainage pattern:	NA
	Quantity of storm water:	NA
	Size of SWD:	NA
<b>Sewage and Waste water</b>	Sewage generation in KLD:	1.60
	STP technology:	Use Mobile Toilet
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	200000
	Budgetary allocation (O & M cost):	NA
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	Waste generation:	NA
	Disposal of the construction waste debris:	NA
<b>Waste generation in the operation Phase:</b>	Dry waste:	3.0 kg/day
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA

  
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Collect in waste bin and send to nearby disposal facility
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	NA
	<b>Area for the storage of waste &amp; other material:</b>	NA
	<b>Area for machinery:</b>	NA
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	15000
	<b>O &amp; M cost:</b>	NA

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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	NA	NA	NA	NA

41. Source of Fuel	NA
42. Mode of Transportation of fuel to site	NAA

  
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<b>43.Green Belt Development</b>	Total RG area :	NA
	No of trees to be cut :	NA
	Number of trees to be planted :	NA
	List of proposed native trees :	NA
	Timeline for completion of plantation :	NA

#### 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

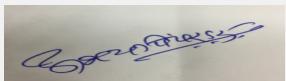
<b>Power requirement:</b>	Source of power supply :	NA
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	NA
	During Operation phase (Demand load):	NA
	Transformer:	NA
	DG set as Power back-up during operation phase:	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


  
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50.Details of pollution control Systems							
Source	Existing pollution control system			Proposed to be installed			
SPM from Haul Road	NA			Water Sprinkling			
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	1	Environment Monitoring (Air, Water, Soil and Noise)	0.36	00			
2	2	Water Sprinkling	0.50	00			
3	3	Unpaved/ Haul road maintenance	0.25	00			
4	4	Occupational Health & safety	2.49	00			
5	5	Tarpaulin	0.05	00			
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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					

  
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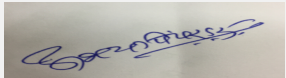
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Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	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	1 (a) B2
	Court cases pending if any	Not Any
	Other Relevant Informations	Not Any
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-


## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
<b>Water Budget</b>	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
<b>Waste Water Treatment</b>	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 conform to the standards prescribed by MoEF&CC and CPCB.
<b>Drainage pattern of the project</b>	Not Applicable
<b>Ground water parameters</b>	No ground water withdrawal shall be permitted in the proposed sand mine area.

  
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<b>Solid Waste Management</b>	No solid waste will be generated from proposed activity. PP to provide dust bins for the collection of solid waste if any.
<b>Air Quality &amp; Noise Level issues</b>	PP proposes water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
<b>Energy Management</b>	No energy is required for proposed activity.
<b>Traffic circulation system and risk assessment</b>	Not Applicable
<b>Landscape Plan</b>	Not Applicable
<b>Disaster management system and risk assessment</b>	PP proposes to provide caution boards & signage's to prevent any unforeseen accident.
<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
<b>Any other issues related to environmental sustainability</b>	PP to ensure that only manual mining is permitted and no mechanical or other devices shall be used for the purpose. No mining activity shall be carried out after sunset and before sun rise.
<b>Brief information of the project by SEAC</b>	

SEAC-AGENDA-0000002256

MoEF&CC issued amendment to the EIA Notification dated 15<sup>th</sup> January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0-5 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 15<sup>th</sup> 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 13<sup>th</sup> September, 2018 directed MoEF&CC as below,

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

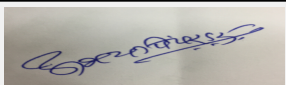
Further the grievance on non-compliance of above order was brought to the notice of Hon'ble National Green Tribunal vide execution application No. 55/2018 in O.A. No. 520/2106. In view of the execution application, Hon'ble National Green Tribunal passed order on 11<sup>th</sup> December, 2018 with following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

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

In view of above order the Revenue Department, State of Maharashtra issued letter on 15<sup>th</sup> December, 2018 to all Divisional Commissioners and District Collectors in the State directing them to submit all sand ghat proposals to the State Expert Appraisal Committee and State Environment Impact Assessment Authority for the grant of prior Environment Clearance.


State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 165<sup>th</sup> meeting held on 3<sup>rd</sup> to 8<sup>th</sup> May, 2019.

## DECISION OF SEAC

  
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SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14<sup>th</sup> September, 2006, 15<sup>th</sup> January, 2016, and 14<sup>th</sup> 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.

PP informed that the proposed ghat is reserved for Government works only.

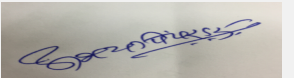
After detailed deliberations with the PP SEAC-1 decided to recommend the proposal to the SEIAA for prior Environment Clearance subject to the following conditions.

**Specific Conditions by SEAC:**

- 1) PP to ensure no stream is diverted due to sand mining activity.
- 2) PP shall carry out sand mining by manual method only. No mechanical/electrical/power driven devices shall be used for sand mining.
- 3) 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.
- 4) PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department.
- 5) PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector and District Mining Officer shall be held responsible for the noncompliance of the conditions.
- 6) PP to ensure that there is no damage to any fauna and its nesting close to the sand mining.
- 7) 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.
- 8) The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [ SLP (C ) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 be strictly followed.
- 9) PP to provide movable 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.
- 10) PP to ensure that no wild life habitat is infringed.
- 11) PP to ensure that parking shall not be made on Public roads or in the river bed.
- 12) The sand transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- 13) PP to provide First Aid facility at the proposed mining site.
- 14) The digital processing of the entire lease area in the district using remote sensing technique including GPS shall be monitored regularly.


## FINAL RECOMMENDATION

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

  
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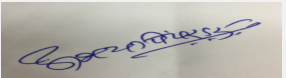
## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Proposed Sand Mining Project of Area 0.64Ha. at Karatkhedha Village, Tehsil - Daryapur, District- Amravati, State- Maharashtra.


**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Sand Mining Project of Area 0.64Ha. at Karatkhedha Village, Tehsil - Daryapur, District- Amravati, State- Maharashtra.
<b>2.Type of institution</b>	Government
<b>3.Name of Project Proponent</b>	District Mining Officer Amravati
<b>4.Name of Consultant</b>	Global Management and Engineering Consultants International
<b>5.Type of project</b>	Mining
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	NA
<b>8.Location of the project</b>	Survey/ Gut/ Khasra No. 3, 4, 5, 38, 39, 50, 51, 52 & 54, Village -Karatkheda , Tehsil - Daryapur, District- Amravati, State- Maharashtra., Latitude (N) Longitude (E) 1. 20°51'15.76"N 77°10'10.24"E 2. 20°51'13.48"N 77°10'21.04"E 3. 20°51'12.84"N 77°10'20.93"E 4. 20°51'15.12"N 77°10'10.13"E
<b>9.Taluka</b>	Daryapur
<b>10.Village</b>	Karatkheda
<b>Correspondence Name:</b>	District Mining Officer Amravati - Shishir Naik
<b>Room Number:</b>	NA
<b>Floor:</b>	Ground Floor
<b>Building Name:</b>	Collect orate
<b>Road/Street Name:</b>	MH SH 243
<b>Locality:</b>	Paranjpe Colony
<b>City:</b>	Amravati
<b>11.Area of the project</b>	Other
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 00
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Mining Plan approved from Directorate of Geology & Mining Nagpur
<b>15.Total Plot Area (sq. m.)</b>	6400
<b>16.Deductions</b>	00
<b>17.Net Plot area</b>	6400
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	a) FSI area (sq. m.): 00 b) Non FSI area (sq. m.): 00 c) Total BUA area (sq. m.): 00
<b>18 (b).Approved Built up area as per DCR</b>	Approved FSI area (sq. m.): 00 Approved Non FSI area (sq. m.): 00 Date of Approval: 30-03-2019
<b>19.Total ground coverage (m2)</b>	00
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	00
<b>21.Estimated cost of the project</b>	1973900

  
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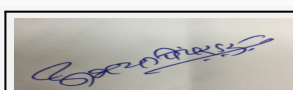
## 22. Number of buildings & its configuration

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	NA		
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	Sand (Total Quantity in Brass)	00	1131	1131

## 32. Total Water Requirement



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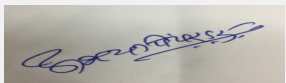


**Dr. Umakant Dangat (Chairman SEAC-I)**

Dry season:	Source of water	Government
	Fresh water (CMD):	9.50
	Recycled water - Flushing (CMD):	00
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	9.50
	Fire fighting - Underground water tank(CMD):	00
	Fire fighting - Overhead water tank(CMD):	00
	Excess treated water	00
Wet season:	Source of water	00
	Fresh water (CMD):	00
	Recycled water - Flushing (CMD):	00
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	00
	Fire fighting - Underground water tank(CMD):	00
	Fire fighting - Overhead water tank(CMD):	00
	Excess treated water	00
Details of Swimming pool (If any)	Not applicable	


### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	00	1.5	1.5	00	1.5	1.5	00	00	00
Fresh water requirement	00	8.0	8.0	00	8.0	8.0	00	00	00


  
**Abhay Pimparkar (Secretary SEAC-I)**

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Signature:   
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**Dr. Umakant Dangat (Chairman SEAC-I)**

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	NA
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	NA
	<b>Size of recharge pits :</b>	NA
	<b>Budgetary allocation (Capital cost) :</b>	NA
	<b>Budgetary allocation (O &amp; M cost) :</b>	NA
	<b>Details of UGT tanks if any :</b>	NA
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	NA
	<b>Quantity of storm water:</b>	NA
	<b>Size of SWD:</b>	NA
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	1.2
	<b>STP technology:</b>	Use Mobile Toilet
	<b>Capacity of STP (CMD):</b>	NA
	<b>Location &amp; area of the STP:</b>	NA
	<b>Budgetary allocation (Capital cost):</b>	200000
	<b>Budgetary allocation (O &amp; M cost):</b>	NA
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	NA
	<b>Disposal of the construction waste debris:</b>	NA
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	2.25 kg/day
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA

  
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Collect in waste bin and send to nearby disposal facility
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	NA
	<b>Area for the storage of waste &amp; other material:</b>	NA
	<b>Area for machinery:</b>	NA
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	15000
	<b>O &amp; M cost:</b>	NA

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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	NA	NA	NA	NA

41. Source of Fuel	NA
42. Mode of Transportation of fuel to site	NA

  
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<b>43.Green Belt Development</b>	Total RG area :	NA
	No of trees to be cut :	NA
	Number of trees to be planted :	NA
	List of proposed native trees :	NA
	Timeline for completion of plantation :	NA

**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**


<b>Power requirement:</b>	Source of power supply :	NA
	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

  
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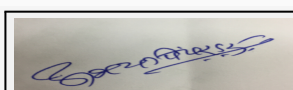
50.Details of pollution control Systems							
Source	Existing pollution control system			Proposed to be installed			
SPM from Haul Road	NA			Water Sprinkling			
Budgetary allocation (Capital cost and O&M cost):	Capital cost:		NA				
	O & M cost:		NA				
51.Environmental Management plan Budgetary Allocation							
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	1	Environment Monitoring (Air, Water, Soil and Noise)	0.36	00			
2	2	Water Sprinkling	0.60	00			
3	3	Unpaved/ Haul road maintenance	0.60	00			
4	4	Occupational Health & safety	2.64	00			
5	5	Tarpaulin	0.05	00			
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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	1 (a) B2
	Court cases pending if any	Not Any
	Other Relevant Informations	Not Any
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
<b>Water Budget</b>	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
<b>Waste Water Treatment</b>	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 conform to the standards prescribed by MoEF&CC and CPCB.
<b>Drainage pattern of the project</b>	Not Applicable
<b>Ground water parameters</b>	No ground water withdrawal shall be permitted in the proposed sand mine area.



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<b>Solid Waste Management</b>	No solid waste will be generated from proposed activity. PP to provide dust bins for the collection of solid waste if any.
<b>Air Quality &amp; Noise Level issues</b>	PP proposes water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
<b>Energy Management</b>	No energy is required for proposed activity.
<b>Traffic circulation system and risk assessment</b>	Not Applicable
<b>Landscape Plan</b>	Not Applicable
<b>Disaster management system and risk assessment</b>	PP proposes to provide caution boards & signage's to prevent any unforeseen accident.
<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
<b>Any other issues related to environmental sustainability</b>	PP to ensure that only manual mining is permitted and no mechanical or other devices shall be used for the purpose. No mining activity shall be carried out after sunset and before sun rise.
<b>Brief information of the project by SEAC</b>	

SEAC-AGENDA-0000002256

MoEF&CC issued amendment to the EIA Notification dated 15<sup>th</sup> January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0-5 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 15<sup>th</sup> 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 13<sup>th</sup> September, 2018 directed MoEF&CC as below,

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

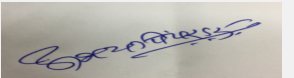
Further the grievance on non-compliance of above order was brought to the notice of Hon'ble National Green Tribunal vide execution application No. 55/2018 in O.A. No. 520/2106. In view of the execution application, Hon'ble National Green Tribunal passed order on 11<sup>th</sup> December, 2018 with following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

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

In view of above order the Revenue Department, State of Maharashtra issued letter on 15<sup>th</sup> December, 2018 to all Divisional Commissioners and District Collectors in the State directing them to submit all sand ghat proposals to the State Expert Appraisal Committee and State Environment Impact Assessment Authority for the grant of prior Environment Clearance.


State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 165<sup>th</sup> meeting held on 3<sup>rd</sup> to 8<sup>th</sup> May, 2019.

## DECISION OF SEAC

  
Abhay Pimparkar (Secretary  
SEAC-I)

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SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14<sup>th</sup> September, 2006, 15<sup>th</sup> January, 2016, and 14<sup>th</sup> 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.

PP informed that the proposed ghat is reserved for Government works only.

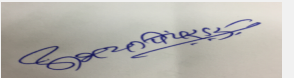
After detailed deliberations with the PP SEAC-1 decided to recommend the proposal to the SEIAA for prior Environment Clearance subject to the following conditions.

**Specific Conditions by SEAC:**

- 1) PP to ensure no stream is diverted due to sand mining activity.
- 2) PP shall carry out sand mining by manual method only. No mechanical/electrical/power driven devices shall be used for sand mining.
- 3) 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.
- 4) PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department.
- 5) PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector and District Mining Officer shall be held responsible for the noncompliance of the conditions.
- 6) PP to ensure that there is no damage to any fauna and its nesting close to the sand mining.
- 7) 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.
- 8) The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [ SLP (C ) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 be strictly followed.
- 9) PP to provide movable 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.
- 10) PP to ensure that no wild life habitat is infringed.
- 11) PP to ensure that parking shall not be made on Public roads or in the river bed.
- 12) The sand transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- 13) PP to provide First Aid facility at the proposed mining site.
- 14) The digital processing of the entire lease area in the district using remote sensing technique including GPS shall be monitored regularly.


## FINAL RECOMMENDATION

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

  
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(Chairman SEAC-I)**


## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Proposed Sand Mining Project of Area at 3.64Ha. at Kanfodi Village, Tehsil - Bhatkuli, District- Amravati, State- Maharashtra.


**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Sand Mining Project of Area at 3.64Ha. at Kanfodi Village, Tehsil - Bhatkuli, District- Amravati, State- Maharashtra.
<b>2.Type of institution</b>	Government
<b>3.Name of Project Proponent</b>	District Mining Officer Amravati
<b>4.Name of Consultant</b>	Global Management and Engineering Consultants International
<b>5.Type of project</b>	Mining
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	NA
<b>8.Location of the project</b>	Survey/ Gut/ Khasra No. 1,2,3,4,6,7,8,10,11,12,13,14,15, Village - Kanfodi, Tehsil - Bhatkuli, District- Amravati, State- Maharashtra., Latitude (N) Longitude (E) 1. 20°51'54.28"N 77°35'22.19"E 2. 20°51'50.44"N 77°35'24.18"E 3. 20°51'44.56"N 77°35'25.99"E 4. 20°51'37.39"N 77°35'24.36"E 5. 20°51'33.92"N 77°35'21.43"E 6. 20°51'33.94"N 77°35'23.64"E 7. 20°51'36.78"N 77°35'26.08"E 8. 20°51'39.77"N 77°35'27.19"E 9. 20°51'42.72"N 77°35'27.23"E 10. 20°51'47.04"N 77°35'27.61"E 11. 20°51'54.27"N 77°35'24.30"E
<b>9.Taluka</b>	Bhatkuli
<b>10.Village</b>	Kanfodi
<b>Correspondence Name:</b>	District Mining Officer Amravati - Shishir Naik
<b>Room Number:</b>	NA
<b>Floor:</b>	Ground Floor
<b>Building Name:</b>	Collect rate
<b>Road/Street Name:</b>	MH SH 243
<b>Locality:</b>	Paranjpe Colony
<b>City:</b>	Amravati
<b>11.Area of the project</b>	Other
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 00
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Mining Plan approved from Directorate of Geology & Mining Nagpur
<b>15.Total Plot Area (sq. m.)</b>	36400
<b>16.Deductions</b>	00
<b>17.Net Plot area</b>	36400
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 00
	<b>b) Non FSI area (sq. m.):</b> 00
	<b>c) Total BUA area (sq. m.):</b> 00
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> 00
	<b>Approved Non FSI area (sq. m.):</b> 00
	<b>Date of Approval:</b> 30-03-2019
<b>19.Total ground coverage (m2)</b>	00
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	00

  
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21. Estimated cost of the project	11223800
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## 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	NA		
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	Sand (Total Quantity in Brass)	00	6431	6431

## 32. Total Water Requirement



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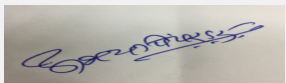


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Dry season:	Source of water	Government
	Fresh water (CMD):	6.0
	Recycled water - Flushing (CMD):	00
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	6.0
	Fire fighting - Underground water tank(CMD):	00
	Fire fighting - Overhead water tank(CMD):	00
	Excess treated water	00
Wet season:	Source of water	00
	Fresh water (CMD):	00
	Recycled water - Flushing (CMD):	00
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	00
	Fire fighting - Underground water tank(CMD):	00
	Fire fighting - Overhead water tank(CMD):	00
	Excess treated water	00
Details of Swimming pool (If any)	Not applicable	


### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	00	2.0	2.0	00	2.0	2.0	00	00	00
Fresh water requirement	00	4.0	4.0	00	4.0	4.0	00	00	00


  
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<b>34.Rain Water Harvesting (RWH)</b>	Level of the Ground water table:	NA
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	NA
	Budgetary allocation (O & M cost) :	NA
	Details of UGT tanks if any :	NA
<b>35.Storm water drainage</b>	Natural water drainage pattern:	NA
	Quantity of storm water:	NA
	Size of SWD:	NA
<b>Sewage and Waste water</b>	Sewage generation in KLD:	1.60
	STP technology:	Use Mobile Toilet
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	200000
	Budgetary allocation (O & M cost):	NA
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	Waste generation:	NA
	Disposal of the construction waste debris:	NA
<b>Waste generation in the operation Phase:</b>	Dry waste:	3.0 kg/day
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA

  
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Collect in waste bin and send to nearby disposal facility
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	NA
	<b>Area for the storage of waste &amp; other material:</b>	NA
	<b>Area for machinery:</b>	NA
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	15000
	<b>O &amp; M cost:</b>	NA

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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	NA	NA	NA	NA

41. Source of Fuel	NA
42. Mode of Transportation of fuel to site	NA

  
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<b>43.Green Belt Development</b>	Total RG area :	NA
	No of trees to be cut :	NA
	Number of trees to be planted :	NA
	List of proposed native trees :	NA
	Timeline for completion of plantation :	NA

**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**

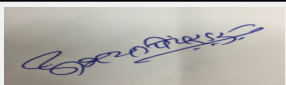
<b>Power requirement:</b>	Source of power supply :	NA
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	NA
	During Operation phase (Demand load):	NA
	Transformer:	NA
	DG set as Power back-up during operation phase:	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

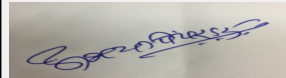
  
Abhay Pimparkar (Secretary SEAC-I)

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**Dr. Umakant Dangat (Chairman SEAC-I)**

50.Details of pollution control Systems							
Source	Existing pollution control system				Proposed to be installed		
SPM from Haul Road	NA				Water Sprinkling		
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	1	Environment Monitoring (Air, Water, Soil and Noise)	0.36	00			
2	2	Water Sprinkling	0.40	00			
3	3	Unpaved/ Haul road maintenance	0.20	00			
4	4	Occupational Health & safety	2.69	00			
5	5	Tarpaulin	0.05	00			
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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					

  
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**Dr. Umakant Dangat (Chairman SEAC-I)**

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	1 (a) B2
	Court cases pending if any	Not Any
	Other Relevant Informations	Not Any
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-


## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
<b>Water Budget</b>	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
<b>Waste Water Treatment</b>	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 conform to the standards prescribed by MoEF&CC and CPCB.
<b>Drainage pattern of the project</b>	Not Applicable
<b>Ground water parameters</b>	No ground water withdrawal shall be permitted in the proposed sand mine area.

  
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<b>Solid Waste Management</b>	No solid waste will be generated from proposed activity. PP to provide dust bins for the collection of solid waste if any.
<b>Air Quality &amp; Noise Level issues</b>	PP proposes water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
<b>Energy Management</b>	No energy is required for proposed activity.
<b>Traffic circulation system and risk assessment</b>	Not Applicable
<b>Landscape Plan</b>	Not Applicable
<b>Disaster management system and risk assessment</b>	PP proposes to provide caution boards & signage's to prevent any unforeseen accident.
<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
<b>Any other issues related to environmental sustainability</b>	PP to ensure that only manual mining is permitted and no mechanical or other devices shall be used for the purpose. No mining activity shall be carried out after sunset and before sun rise.

**Brief information of the project by SEAC**

SEAC-AGENDA-00000002256

MoEF&CC issued amendment to the EIA Notification dated 15<sup>th</sup> January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0-5 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 15<sup>th</sup> 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 13<sup>th</sup> September, 2018 directed MoEF&CC as below,

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

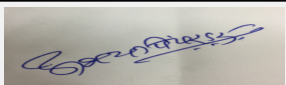
Further the grievance on non-compliance of above order was brought to the notice of Hon'ble National Green Tribunal vide execution application No. 55/2018 in O.A. No. 520/2106. In view of the execution application, Hon'ble National Green Tribunal passed order on 11<sup>th</sup> December, 2018 with following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

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

In view of above order the Revenue Department, State of Maharashtra issued letter on 15<sup>th</sup> December, 2018 to all Divisional Commissioners and District Collectors in the State directing them to submit all sand ghat proposals to the State Expert Appraisal Committee and State Environment Impact Assessment Authority for the grant of prior Environment Clearance.


State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 165<sup>th</sup> meeting held on 3<sup>rd</sup> to 8<sup>th</sup> May, 2019.

## DECISION OF SEAC

  
Abhay Pimparkar (Secretary  
SEAC-I)

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**Dr. Umakant Dangat  
(Chairman SEAC-I)**

SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14<sup>th</sup> September, 2006, 15<sup>th</sup> January, 2016, and 14<sup>th</sup> 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.

PP informed that the proposed ghat is reserved for Government works only.


After detailed deliberations with the PP SEAC-1 decided to recommend the proposal to the SEIAA for prior Environment Clearance subject to the following conditions.

**Specific Conditions by SEAC:**

- 1) PP to ensure no stream is diverted due to sand mining activity.
- 2) PP shall carry out sand mining by manual method only. No mechanical/electrical/power driven devices shall be used for sand mining.
- 3) 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.
- 4) PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department.
- 5) PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector and District Mining Officer shall be held responsible for the noncompliance of the conditions.
- 6) PP to ensure that there is no damage to any fauna and its nesting close to the sand mining.
- 7) 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.
- 8) The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [ SLP ( C ) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 be strictly followed.
- 9) PP to provide movable 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.
- 10) PP to ensure that no wild life habitat is infringed.
- 11) PP to ensure that parking shall not be made on Public roads or in the river bed.
- 12) The sand transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- 13) PP to provide First Aid facility at the proposed mining site.
- 14) The digital processing of the entire lease area in the district using remote sensing technique including GPS shall be monitored regularly.


**FINAL RECOMMENDATION**

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

  
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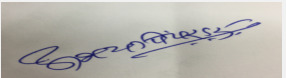
## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Proposed Sand Mining Project of Area at 0.25 Ha. at Kanholi Village, Tehsil - Daryapur, District- Amravati, State- Maharashtra.


**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Sand Mining Project of Area at 0.25 Ha. at Kanholi Village, Tehsil - Daryapur, District- Amravati, State- Maharashtra.
<b>2.Type of institution</b>	Government
<b>3.Name of Project Proponent</b>	District Mining Officer Amravati
<b>4.Name of Consultant</b>	Global Management and Engineering Consultants International
<b>5.Type of project</b>	Mining
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	NA
<b>8.Location of the project</b>	Survey/ Gut/ Khasra No. 21,25,96,97,180, Village - Kanholi, Tehsil - Daryapur, District- Amravati, State- Maharashtra., Latitude (N) Longitude (E) 1. 20°58'57.19"N 77°23'18.97"E 2. 20°58'55.51"N 77°23'27.44"E 3. 20°58'55.21"N 77°23'27.30"E 4. 20°58'56.89"N 77°23'18.84"E
<b>9.Taluka</b>	Daryapur
<b>10.Village</b>	Kanholi
<b>Correspondence Name:</b>	District Mining Officer Amravati - Shishir Naik
<b>Room Number:</b>	NA
<b>Floor:</b>	Ground Floor
<b>Building Name:</b>	Collect rate
<b>Road/Street Name:</b>	MH SH 243
<b>Locality:</b>	Paranjpe Colony
<b>City:</b>	Amravati
<b>11.Area of the project</b>	Other
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 00
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Mining Plan approved from Directorate of Geology & Mining Nagpur
<b>15.Total Plot Area (sq. m.)</b>	2500
<b>16.Deductions</b>	00
<b>17.Net Plot area</b>	2500
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	a) FSI area (sq. m.): 00 b) Non FSI area (sq. m.): 00 c) Total BUA area (sq. m.): 00
<b>18 (b).Approved Built up area as per DCR</b>	Approved FSI area (sq. m.): 00 Approved Non FSI area (sq. m.): 00 Date of Approval: 30-03-2019
<b>19.Total ground coverage (m2)</b>	00
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	00
<b>21.Estimated cost of the project</b>	771000

  
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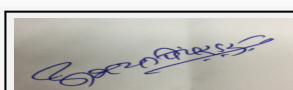
## 22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	NA	NA	NA
23. Number of tenants and shops	Not applicable		
24. Number of expected residents / users	NA		
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	Sand (Total Quantity in Brass)	00	442	442

## 32. Total Water Requirement



**Abhay Pimparkar (Secretary SEAC-I)**

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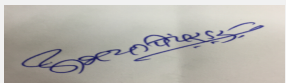


**Dr. Umakant Dangat (Chairman SEAC-I)**

Dry season:	Source of water	Government
	Fresh water (CMD):	4.5
	Recycled water - Flushing (CMD):	00
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	4.5
	Fire fighting - Underground water tank(CMD):	00
	Fire fighting - Overhead water tank(CMD):	00
	Excess treated water	00
Wet season:	Source of water	NA
	Fresh water (CMD):	00
	Recycled water - Flushing (CMD):	00
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	00
	Fire fighting - Underground water tank(CMD):	00
	Fire fighting - Overhead water tank(CMD):	00
	Excess treated water	00
Details of Swimming pool (If any)	Not applicable	


### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	00	1.0	1.0	00	1.0	1.0	00	00	00
Fresh water requirement	00	3.5	3.5	00	3.5	3.5	00	00	00


  
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**Dr. Umakant Dangat (Chairman SEAC-I)**

<b>34.Rain Water Harvesting (RWH)</b>	Level of the Ground water table:	NA
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	NA
	Budgetary allocation (O & M cost) :	NA
	Details of UGT tanks if any :	NA
<b>35.Storm water drainage</b>	Natural water drainage pattern:	NA
	Quantity of storm water:	NA
	Size of SWD:	NA
<b>Sewage and Waste water</b>	Sewage generation in KLD:	0.80
	STP technology:	Use Mobile Toilet
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	200000
	Budgetary allocation (O & M cost):	NA
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	Waste generation:	NA
	Disposal of the construction waste debris:	NA
<b>Waste generation in the operation Phase:</b>	Dry waste:	1.2 kg/day
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA

  
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Collect in waste bin and send to nearby disposal facility
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	NA
	<b>Area for the storage of waste &amp; other material:</b>	NA
	<b>Area for machinery:</b>	NA
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	15000
	<b>O &amp; M cost:</b>	NA

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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	NA	NA	NA	NA

41. Source of Fuel	NA
42. Mode of Transportation of fuel to site	NA

  
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<b>43.Green Belt Development</b>	Total RG area :	NA
	No of trees to be cut :	NA
	Number of trees to be planted :	NA
	List of proposed native trees :	NA
	Timeline for completion of plantation :	NA

#### 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


<b>Power requirement:</b>	Source of power supply :	NA
	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

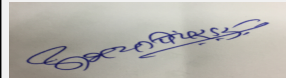
  
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Dr. Umakant Dangat  
(Chairman SEAC-I)

50.Details of pollution control Systems							
Source	Existing pollution control system			Proposed to be installed			
SPM from Haul Road	NA			Water Sprinkling			
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	1	Environment Monitoring (Air, Water, Soil and Noise)	0.36	00			
2	2	Water Sprinkling	0.35	00			
3	3	Unpaved/ Haul road maintenance	0.30	00			
4	4	Occupational Health & safety	2.49	00			
5	5	Tarpaulin	0.05	00			
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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					

  
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**Dr. Umakant Dangat (Chairman SEAC-I)**

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	1 (a) B2
	Court cases pending if any	Not Any
	Other Relevant Informations	Not Any
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-


## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
<b>Water Budget</b>	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
<b>Waste Water Treatment</b>	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 conform to the standards prescribed by MoEF&CC and CPCB.
<b>Drainage pattern of the project</b>	Not Applicable
<b>Ground water parameters</b>	No ground water withdrawal shall be permitted in the proposed sand mine area.

  
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(Chairman SEAC-I)**

<b>Solid Waste Management</b>	No solid waste will be generated from proposed activity. PP to provide dust bins for the collection of solid waste if any.
<b>Air Quality &amp; Noise Level issues</b>	PP proposes water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
<b>Energy Management</b>	No energy is required for proposed activity.
<b>Traffic circulation system and risk assessment</b>	Not Applicable
<b>Landscape Plan</b>	Not Applicable
<b>Disaster management system and risk assessment</b>	PP proposes to provide caution boards & signage's to prevent any unforeseen accident.
<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
<b>Any other issues related to environmental sustainability</b>	PP to ensure that only manual mining is permitted and no mechanical or other devices shall be used for the purpose. No mining activity shall be carried out after sunset and before sun rise.
<b>Brief information of the project by SEAC</b>	

SEAC-AGENDA-0000002256



MoEF&CC issued amendment to the EIA Notification dated 15<sup>th</sup> January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0-5 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 15<sup>th</sup> 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 13<sup>th</sup> September, 2018 directed MoEF&CC as below,

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

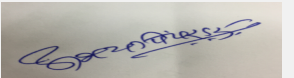
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*"we also make it clear that till a fresh Notification is issued by the MoEF&CC, Notification dated 15<sup>th</sup> January, 2016 will not be acted upon."*

In view of above order the Revenue Department, State of Maharashtra issued letter on 15<sup>th</sup> December, 2018 to all Divisional Commissioners and District Collectors in the State directing them to submit all sand ghat proposals to the State Expert Appraisal Committee and State Environment Impact Assessment Authority for the grant of prior Environment Clearance.


State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 165<sup>th</sup> meeting held on 3<sup>rd</sup> to 8<sup>th</sup> May, 2019.

## DECISION OF SEAC

  
Abhay Pimparkar (Secretary  
SEAC-I)

**SEAC Meeting No: 165th -Day 1 Meeting Date:  
May 3, 2019**

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Signature:   
Name: Dr. Umakant Dangat  
Dr. Umakant Dangat  
(Chairman SEAC-I)

SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14<sup>th</sup> September, 2006, 15<sup>th</sup> January, 2016, and 14<sup>th</sup> 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.

PP informed that the proposed ghat is reserved for Government works only.


After detailed deliberations with the PP SEAC-1 decided to recommend the proposal to the SEIAA for prior Environment Clearance subject to the following conditions.

**Specific Conditions by SEAC:**

- 1) PP to ensure no stream is diverted due to sand mining activity.
- 2) PP shall carry out sand mining by manual method only. No mechanical/electrical/power driven devices shall be used for sand mining.
- 3) 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.
- 4) PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department.
- 5) PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector and District Mining Officer shall be held responsible for the noncompliance of the conditions.
- 6) PP to ensure that there is no damage to any fauna and its nesting close to the sand mining.
- 7) 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.
- 8) The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [ SLP (C ) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 be strictly followed.
- 9) PP to provide movable 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.
- 10) PP to ensure that no wild life habitat is infringed.
- 11) PP to ensure that parking shall not be made on Public roads or in the river bed.
- 12) The sand transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- 13) PP to provide First Aid facility at the proposed mining site.
- 14) The digital processing of the entire lease area in the district using remote sensing technique including GPS shall be monitored regularly.


**FINAL RECOMMENDATION**

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

  
**Abhay Pimparkar (Secretary  
SEAC-I)**

**SEAC Meeting No: 165th -Day 1 Meeting Date:  
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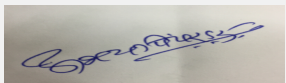
## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Proposed Sand Mining Project of Area 1.88Ha. at Lasur Village, Tehsil - Daryapur, District- Amravati, State- Maharashtra.


**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Sand Mining Project of Area 1.88Ha. at Lasur Village, Tehsil - Daryapur, District- Amravati, State- Maharashtra.
<b>2.Type of institution</b>	Government
<b>3.Name of Project Proponent</b>	District Mining Officer Amravati
<b>4.Name of Consultant</b>	Global Management and Engineering Consultants International
<b>5.Type of project</b>	Mining
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	NA
<b>8.Location of the project</b>	Survey/ Gut/ Khasra No. 248, 261, 266, 267, 272, 273, 274 & 279, Village -Lasur , Tehsil - Daryapur, District- Amravati, State- Maharashtra., Latitude (N) Longitude (E) 1. 20°51'24.25"N 77°14'15.48"E 2. 20°51'24.81"N 77°13'49.54"E 3. 20°51'24.00"N 77°13'49.54"E 4. 20°51'23.41"N 77°14'15.49"E
<b>9.Taluka</b>	Daryapur
<b>10.Village</b>	Lasur
<b>Correspondence Name:</b>	District Mining Officer Amravati - Shishir Naik
<b>Room Number:</b>	NA
<b>Floor:</b>	Ground Floor
<b>Building Name:</b>	Collect rate
<b>Road/Street Name:</b>	MH SH 243
<b>Locality:</b>	Paranjpe Colony
<b>City:</b>	Amravati
<b>11.Area of the project</b>	Other
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 00
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Mining Plan approved from Directorate of Geology & Mining Nagpur
<b>15.Total Plot Area (sq. m.)</b>	18800
<b>16.Deductions</b>	00
<b>17.Net Plot area</b>	18800
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	a) FSI area (sq. m.): 00 b) Non FSI area (sq. m.): 00 c) Total BUA area (sq. m.): 00
<b>18 (b).Approved Built up area as per DCR</b>	Approved FSI area (sq. m.): 00 Approved Non FSI area (sq. m.): 00 Date of Approval: 30-03-2019
<b>19.Total ground coverage (m2)</b>	00
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	00
<b>21.Estimated cost of the project</b>	5782100

  
**Abhay Pimparkar (Secretary SEAC-I)**

**SEAC Meeting No: 165th -Day 1 Meeting Date: May 3, 2019**

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**Signature:**   
**Name: Dr. Umakant Dangat (Chairman SEAC-I)**

## 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	NA		
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	Sand (Total Quantity in Brass)	00	3313	3313

## 32.Total Water Requirement


 <b>Abhay Pimparkar (Secretary SEAC-I)</b>	<b>SEAC Meeting No: 165th -Day 1 Meeting Date: May 3, 2019</b>	<b>Page 204 of 290</b>	 <b>Dr. Umakant Dangat (Chairman SEAC-I)</b>
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Dry season:	Source of water	Government							
	Fresh water (CMD):	7.5							
	Recycled water - Flushing (CMD):	00							
	Recycled water - Gardening (CMD):	00							
	Swimming pool make up (Cum):	00							
	Total Water Requirement (CMD) :	7.5							
	Fire fighting - Underground water tank(CMD):	00							
	Fire fighting - Overhead water tank(CMD):	00							
	Excess treated water	00							
Wet season:	Source of water	NA							
	Fresh water (CMD):	00							
	Recycled water - Flushing (CMD):	00							
	Recycled water - Gardening (CMD):	00							
	Swimming pool make up (Cum):	00							
	Total Water Requirement (CMD) :	00							
	Fire fighting - Underground water tank(CMD):	00							
	Fire fighting - Overhead water tank(CMD):	00							
	Excess treated water	00							
Details of Swimming pool (If any)	Not applicable								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	00	2.0	2.0	00	2.0	2.0	00	00	00
Fresh water requirement	00	5.5	5.5	00	5.5	5.5	00	00	00


  
**Abhay Pimparkar (Secretary SEAC-I)**

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Signature:   
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**Dr. Umakant Dangat (Chairman SEAC-I)**

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	NA
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	NA
	<b>Size of recharge pits :</b>	NA
	<b>Budgetary allocation (Capital cost) :</b>	NA
	<b>Budgetary allocation (O &amp; M cost) :</b>	NA
	<b>Details of UGT tanks if any :</b>	NA
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	NA
	<b>Quantity of storm water:</b>	NA
	<b>Size of SWD:</b>	NA
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	1.60
	<b>STP technology:</b>	Use Mobile Toilet
	<b>Capacity of STP (CMD):</b>	NA
	<b>Location &amp; area of the STP:</b>	NA
	<b>Budgetary allocation (Capital cost):</b>	200000
	<b>Budgetary allocation (O &amp; M cost):</b>	NA
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	NA
	<b>Disposal of the construction waste debris:</b>	NA
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	3.0 kg/day
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA

  
**Abhay Pimparkar (Secretary SEAC-I)**

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**Name: Dr. Umakant Dangat (Chairman SEAC-I)**

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Collect in waste bin and send to nearby disposal facility
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	NA
	<b>Area for the storage of waste &amp; other material:</b>	NA
	<b>Area for machinery:</b>	NA
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	15000
	<b>O &amp; M cost:</b>	NA

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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

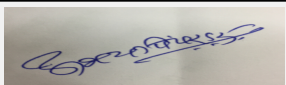
### 39. Stacks emission Details

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	NA	NA	NA	NA

41. Source of Fuel	NA
42. Mode of Transportation of fuel to site	NA

  
**Abhay Pimparkar (Secretary SEAC-I)**

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<b>43.Green Belt Development</b>	Total RG area :	NA
	No of trees to be cut :	NA
	Number of trees to be planted :	NA
	List of proposed native trees :	NA
	Timeline for completion of plantation :	NA

**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**


<b>Power requirement:</b>	Source of power supply :	NA
	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

  
**Abhay Pimparkar (Secretary SEAC-I)**

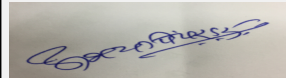
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50.Details of pollution control Systems							
Source	Existing pollution control system			Proposed to be installed			
SPM from Haul Road	NA			Water Sprinkling			
Budgetary allocation (Capital cost and O&M cost):	Capital cost:		NA				
	O & M cost:		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	1	Environment Monitoring (Air, Water, Soil and Noise)	0.36	00			
2	2	Water Sprinkling	0.50	00			
3	3	Unpaved/ Haul road maintenance	0.40	00			
4	4	Occupational Health & safety	2.69	00			
5	5	Tarpaulin	0.05	00			
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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					

  
**Abhay Pimparkar (Secretary SEAC-I)**

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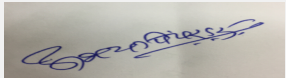
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Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	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	1 (a) B2
	Court cases pending if any	Not Any
	Other Relevant Informations	Not Any
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-


## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
<b>Water Budget</b>	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
<b>Waste Water Treatment</b>	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 conform to the standards prescribed by MoEF&CC and CPCB.
<b>Drainage pattern of the project</b>	Not Applicable
<b>Ground water parameters</b>	No ground water withdrawal shall be permitted in the proposed sand mine area.

  
**Abhay Pimparkar (Secretary SEAC-I)**

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(Chairman SEAC-I)**

<b>Solid Waste Management</b>	No solid waste will be generated from proposed activity. PP to provide dust bins for the collection of solid waste if any.
<b>Air Quality &amp; Noise Level issues</b>	PP proposes water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
<b>Energy Management</b>	No energy is required for proposed activity.
<b>Traffic circulation system and risk assessment</b>	Not Applicable
<b>Landscape Plan</b>	Not Applicable
<b>Disaster management system and risk assessment</b>	PP proposes to provide caution boards & signage's to prevent any unforeseen accident.
<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
<b>Any other issues related to environmental sustainability</b>	PP to ensure that only manual mining is permitted and no mechanical or other devices shall be used for the purpose. No mining activity shall be carried out after sunset and before sun rise.

### Brief information of the project by SEAC

SEAC-AGENDA-0000002256

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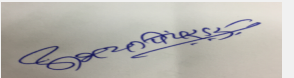
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State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 165<sup>th</sup> meeting held on 3<sup>rd</sup> to 8<sup>th</sup> May, 2019.

## DECISION OF SEAC

  
Abhay Pimparkar (Secretary  
SEAC-I)

**SEAC Meeting No: 165th -Day 1 Meeting Date:  
May 3, 2019**

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Signature:   
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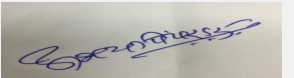
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- 6) PP to ensure that there is no damage to any fauna and its nesting close to the sand mining.
- 7) PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution.
- 8) The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [ SLP (C ) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 be strictly followed.
- 9) PP to provide movable toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB.
- 10) PP to ensure that no wild life habitat is infringed.
- 11) PP to ensure that parking shall not be made on Public roads or in the river bed.
- 12) The sand transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- 13) PP to provide First Aid facility at the proposed mining site.
- 14) The digital processing of the entire lease area in the district using remote sensing technique including GPS shall be monitored regularly.


**FINAL RECOMMENDATION**

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

  
**Abhay Pimparkar (Secretary  
SEAC-I)**

**SEAC Meeting No: 165th -Day 1 Meeting Date:  
May 3, 2019**

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Signature:   
Name: Dr. Umakant Dangat  
**Dr. Umakant Dangat  
(Chairman SEAC-I)**

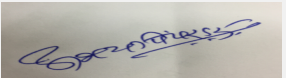
## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Proposed Sand Mining Project of Area 1.20 Ha. at Nanded Bu Village, Tehsil - Daryapur, District- Amravati, State- Maharashtra.


**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Sand Mining Project of Area 1.20 Ha. at Nanded Bu Village, Tehsil - Daryapur, District- Amravati, State- Maharashtra.
<b>2.Type of institution</b>	Government
<b>3.Name of Project Proponent</b>	District Mining Officer Amravati
<b>4.Name of Consultant</b>	Global Management and Engineering Consultants International
<b>5.Type of project</b>	Mining
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	NA
<b>8.Location of the project</b>	Survey/ Gut/ Khasra No. 99, 109, 110, 111 & 112, Village -Nanded Bu , Tehsil - Daryapur, District- Amravati, State- Maharashtra., Latitude (N) Longitude (E) 1. 20°53'59.50"N 77°28'26.66"E 2. 20°53'53.06"N 77°28'29.83"E 3. 20°53'50.73"N 77°28'28.56"E 4. 20°53'51.60"N 77°28'24.20"E 5. 20°53'51.55"N 77°28'21.13"E 6. 20°53'46.33"N 77°28'13.02"E 7. 20°53'46.72"N 77°28'12.71"E 8. 20°53'52.00"N 77°28'20.93"E 9. 20°53'52.09"N 77°28'24.24"E 10. 20°53'51.33"N 77°28'28.23"E 11. 20°53'53.07"N 77°28'29.19"E 12. 20°53'59.28"N 77°28'26.20"E
<b>9.Taluka</b>	Daryapur
<b>10.Village</b>	Nanded Bu
<b>Correspondence Name:</b>	District Mining Officer Amravati - Shishir Naik
<b>Room Number:</b>	NA
<b>Floor:</b>	Ground Floor
<b>Building Name:</b>	Collect rate
<b>Road/Street Name:</b>	MH SH 243
<b>Locality:</b>	Paranjpe Colony
<b>City:</b>	Amravati
<b>11.Area of the project</b>	Other
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 00
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Mining Plan approved from Directorate of Geology & Mining Nagpur
<b>15.Total Plot Area (sq. m.)</b>	12000
<b>16.Deductions</b>	00
<b>17.Net Plot area</b>	12000
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 00
	<b>b) Non FSI area (sq. m.):</b> 00
	<b>c) Total BUA area (sq. m.):</b> 00
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> 00
	<b>Approved Non FSI area (sq. m.):</b> 00
	<b>Date of Approval:</b> 30-03-2019
<b>19.Total ground coverage (m2)</b>	00


  
**Abhay Pimparkar (Secretary SEAC-I)**

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**Signature:**   
**Name: Dr. Umakant Dangat  
Dr. Umakant Dangat  
(Chairman SEAC-I)**

20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)		00		
21. Estimated cost of the project		3700000		
<b>22. Number of buildings &amp; its configuration</b>				
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		NA		
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		
<b>31. Production Details</b>				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Sand (Total Quantity in Brass)	00	2120	2120
<b>32. Total Water Requirement</b>				

  
**Abhay Pimparkar (Secretary SEAC-I)**

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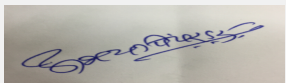
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Signature:   
 Name: Dr. Umakant Dangat  
**Dr. Umakant Dangat (Chairman SEAC-I)**

Dry season:	Source of water	Government
	Fresh water (CMD):	8.0
	Recycled water - Flushing (CMD):	00
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	8.0
	Fire fighting - Underground water tank(CMD):	00
	Fire fighting - Overhead water tank(CMD):	00
	Excess treated water	00
Wet season:	Source of water	NA
	Fresh water (CMD):	00
	Recycled water - Flushing (CMD):	00
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	00
	Fire fighting - Underground water tank(CMD):	00
	Fire fighting - Overhead water tank(CMD):	00
	Excess treated water	00
Details of Swimming pool (If any)	Not applicable	


### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	00	2.0	2.0	00	2.0	2.0	00	00	00
Fresh water requirement	00	6.0	6.0	00	6.0	6.0	00	00	00

  
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**Dr. Umakant Dangat (Chairman SEAC-I)**




<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	NA
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	NA
	<b>Size of recharge pits :</b>	NA
	<b>Budgetary allocation (Capital cost) :</b>	NA
	<b>Budgetary allocation (O &amp; M cost) :</b>	NA
	<b>Details of UGT tanks if any :</b>	NA
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	NA
	<b>Quantity of storm water:</b>	NA
	<b>Size of SWD:</b>	NA
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	1.60
	<b>STP technology:</b>	Use Mobile Toilet
	<b>Capacity of STP (CMD):</b>	NA
	<b>Location &amp; area of the STP:</b>	NA
	<b>Budgetary allocation (Capital cost):</b>	200000
	<b>Budgetary allocation (O &amp; M cost):</b>	NA
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	NA
	<b>Disposal of the construction waste debris:</b>	NA
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	3.0 kg/day
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA

  
**Abhay Pimparkar (Secretary SEAC-I)**

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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Collect in waste bin and send to nearby disposal facility
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	NA
	<b>Area for the storage of waste &amp; other material:</b>	NA
	<b>Area for machinery:</b>	NA
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	15000
	<b>O &amp; M cost:</b>	NA

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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	NA	NA	NA	NA

41. Source of Fuel	NA
42. Mode of Transportation of fuel to site	NA

  
**Abhay Pimparkar (Secretary SEAC-I)**

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**Dr. Umakant Dangat (Chairman SEAC-I)**

<b>43.Green Belt Development</b>	Total RG area :	NA
	No of trees to be cut :	NA
	Number of trees to be planted :	NA
	List of proposed native trees :	NA
	Timeline for completion of plantation :	NA

#### 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


<b>Power requirement:</b>	Source of power supply :	NA
	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

  
Abhay Pimparkar (Secretary SEAC-I)

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Name: Dr. Umakant Dangat  
Dr. Umakant Dangat  
(Chairman SEAC-I)

50.Details of pollution control Systems							
Source	Existing pollution control system				Proposed to be installed		
SPM from Haul Road	NA				Water Sprinkling		
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	1	Environment Monitoring (Air, Water, Soil and Noise)	0.36	00			
2	2	Water Sprinkling	0.50	00			
3	3	Unpaved/ Haul road maintenance	0.30	00			
4	4	Occupational Health & safety	2.69	00			
5	5	Tarpaulin	0.05	00			
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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	1 (a) B2
	Court cases pending if any	Not Any
	Other Relevant Informations	Not Any
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
<b>Water Budget</b>	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
<b>Waste Water Treatment</b>	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 conform to the standards prescribed by MoEF&CC and CPCB.
<b>Drainage pattern of the project</b>	Not Applicable
<b>Ground water parameters</b>	No ground water withdrawal shall be permitted in the proposed sand mine area.

  
**Abhay Pimparkar (Secretary SEAC-I)**

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**Signature:**   
**Name: Dr. Umakant Dangat**  
**Dr. Umakant Dangat  
 (Chairman SEAC-I)**

<b>Solid Waste Management</b>	No solid waste will be generated from proposed activity. PP to provide dust bins for the collection of solid waste if any.
<b>Air Quality &amp; Noise Level issues</b>	PP proposes water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
<b>Energy Management</b>	No energy is required for proposed activity.
<b>Traffic circulation system and risk assessment</b>	Not Applicable
<b>Landscape Plan</b>	Not Applicable
<b>Disaster management system and risk assessment</b>	PP proposes to provide caution boards & signage's to prevent any unforeseen accident.
<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
<b>Any other issues related to environmental sustainability</b>	PP to ensure that only manual mining is permitted and no mechanical or other devices shall be used for the purpose. No mining activity shall be carried out after sunset and before sun rise.

**Brief information of the project by SEAC**

SEAC-AGENDA-00000002256

MoEF&CC issued amendment to the EIA Notification dated 15<sup>th</sup> January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0-5 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 15<sup>th</sup> 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 13<sup>th</sup> September, 2018 directed MoEF&CC as below,

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

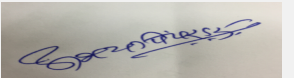
Further the grievance on non-compliance of above order was brought to the notice of Hon'ble National Green Tribunal vide execution application No. 55/2018 in O.A. No. 520/2106. In view of the execution application, Hon'ble National Green Tribunal passed order on 11<sup>th</sup> December, 2018 with following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

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

In view of above order the Revenue Department, State of Maharashtra issued letter on 15<sup>th</sup> December, 2018 to all Divisional Commissioners and District Collectors in the State directing them to submit all sand ghat proposals to the State Expert Appraisal Committee and State Environment Impact Assessment Authority for the grant of prior Environment Clearance.


State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 165<sup>th</sup> meeting held on 3<sup>rd</sup> to 8<sup>th</sup> May, 2019.

## DECISION OF SEAC

  
Abhay Pimparkar (Secretary  
SEAC-I)

**SEAC Meeting No: 165th -Day 1 Meeting Date:  
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Name: Dr. Umakant Dangat  
**Dr. Umakant Dangat  
(Chairman SEAC-I)**

SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14<sup>th</sup> September, 2006, 15<sup>th</sup> January, 2016, and 14<sup>th</sup> 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.

PP informed that the proposed ghat is reserved for Government works only.

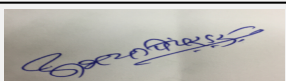
After detailed deliberations with the PP SEAC-1 decided to recommend the proposal to the SEIAA for prior Environment Clearance subject to the following conditions.

**Specific Conditions by SEAC:**

- 1) PP to ensure no stream is diverted due to sand mining activity.
- 2) PP shall carry out sand mining by manual method only. No mechanical/electrical/power driven devices shall be used for sand mining.
- 3) 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.
- 4) PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department.
- 5) PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector and District Mining Officer shall be held responsible for the noncompliance of the conditions.
- 6) PP to ensure that there is no damage to any fauna and its nesting close to the sand mining.
- 7) 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.
- 8) The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [ SLP (C ) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 be strictly followed.
- 9) PP to provide movable 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.
- 10) PP to ensure that no wild life habitat is infringed.
- 11) PP to ensure that parking shall not be made on Public roads or in the river bed.
- 12) The sand transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- 13) PP to provide First Aid facility at the proposed mining site.
- 14) The digital processing of the entire lease area in the district using remote sensing technique including GPS shall be monitored regularly.

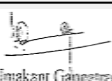
## FINAL RECOMMENDATION

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

  
**Abhay Pimparkar (Secretary  
SEAC-I)**

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Signature:   
Name: Dr. Umakant Dangat  
**Dr. Umakant Dangat  
(Chairman SEAC-I)**




## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Proposed Sand Mining Project of Area at 2.80Ha. at Nimbha Village, Tehsil - Bhatkuli, District- Amravati, State- Maharashtra.


**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Sand Mining Project of Area at 2.80Ha. at Nimbha Village, Tehsil - Bhatkuli, District- Amravati, State- Maharashtra.
<b>2.Type of institution</b>	Government
<b>3.Name of Project Proponent</b>	District Mining Officer Amravati
<b>4.Name of Consultant</b>	Global Management and Engineering Consultants International
<b>5.Type of project</b>	Mining
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	NA
<b>8.Location of the project</b>	Survey/ Gut/ Khasra No. 218, 219, 220 ,221, 222,249,248,250, 251, 253, 258,259,56,14,15,1,6, 17,36,39,40,45,50,46 & 47, Village - Nimbha, Tehsil - Bhatkuli, District- Amravati, State- Maharashtra., Latitude (N) Longitude (E) 1. 20°55'48.38"N 77°38'2.95"E 2. 20°55'59.33"N 77°38'6.41"E 3. 20°56'9.11"N 77°38'1.24"E 4. 20°56'16.21"N 77°37'56.11"E 5. 20°56'26.94"N 77°38'6.64"E 6. 20°56'27.33"N 77°38'6.08"E 7. 20°56'16.26"N 77°37'55.23"E 8. 20°56'8.76"N 77°38'0.62"E 9. 20°55'59.24"N 77°38'5.73"E 10. 20°55'48.54"N 77°38'2.27"E
<b>9.Taluka</b>	Bhatkuli
<b>10.Village</b>	Nimbha
<b>Correspondence Name:</b>	District Mining Officer Amravati - Shishir Naik
<b>Room Number:</b>	NA
<b>Floor:</b>	Ground Floor
<b>Building Name:</b>	Collect rate
<b>Road/Street Name:</b>	MH SH 243
<b>Locality:</b>	Paranjpe Colony
<b>City:</b>	Amravati
<b>11.Area of the project</b>	Other
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	NA <b>IOD/IOA/Concession/Plan Approval Number:</b> NA <b>Approved Built-up Area:</b> 00
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Mining Plan approved from Directorate of Geology & Mining Nagpur
<b>15.Total Plot Area (sq. m.)</b>	28000
<b>16.Deductions</b>	00
<b>17.Net Plot area</b>	28000
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	a) FSI area (sq. m.): 00 b) Non FSI area (sq. m.): 00 c) Total BUA area (sq. m.): 00
<b>18 (b).Approved Built up area as per DCR</b>	Approved FSI area (sq. m.): 00 Approved Non FSI area (sq. m.): 00 Date of Approval: 30-03-2019
<b>19.Total ground coverage (m2)</b>	00
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	00

  
**Abhay Pimparkar (Secretary SEAC-I)**

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**Signature:**   
**Name: Dr. Umakant Dangat  
Dr. Umakant Dangat  
(Chairman SEAC-I)**

21. Estimated cost of the project	8633900
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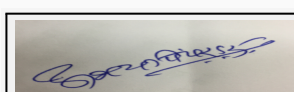
## 22. Number of buildings & its configuration

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	NA		
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	Sand (Total Quantity in Brass)	00	4947	4947

## 32. Total Water Requirement



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**Dr. Umakant Dangat (Chairman SEAC-I)**

Dry season:	Source of water	Government
	Fresh water (CMD):	9.0
	Recycled water - Flushing (CMD):	00
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	9.0
	Fire fighting - Underground water tank(CMD):	00
	Fire fighting - Overhead water tank(CMD):	00
	Excess treated water	00
Wet season:	Source of water	NA
	Fresh water (CMD):	00
	Recycled water - Flushing (CMD):	00
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	00
	Fire fighting - Underground water tank(CMD):	00
	Fire fighting - Overhead water tank(CMD):	00
	Excess treated water	00
Details of Swimming pool (If any)	Not applicable	

### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	00	2.0	2.0	00	2.0	2.0	00	00	00
Fresh water requirement	00	7.0	7.0	00	7.0	7.0	00	00	00


  
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<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	NA
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	NA
	<b>Size of recharge pits :</b>	NA
	<b>Budgetary allocation (Capital cost) :</b>	NA
	<b>Budgetary allocation (O &amp; M cost) :</b>	NA
	<b>Details of UGT tanks if any :</b>	NA
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	NA
	<b>Quantity of storm water:</b>	NA
	<b>Size of SWD:</b>	NA
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	1.60
	<b>STP technology:</b>	Use Mobile Toilet
	<b>Capacity of STP (CMD):</b>	NA
	<b>Location &amp; area of the STP:</b>	NA
	<b>Budgetary allocation (Capital cost):</b>	200000
	<b>Budgetary allocation (O &amp; M cost):</b>	NA
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	NA
	<b>Disposal of the construction waste debris:</b>	NA
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	3.0 kg/day
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA

  
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Collect in waste bin and send to nearby disposal facility
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	NA
	<b>Area for the storage of waste &amp; other material:</b>	NA
	<b>Area for machinery:</b>	NA
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	15000
	<b>O &amp; M cost:</b>	NA

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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	NA	NA	NA	NA

41. Source of Fuel	NA
42. Mode of Transportation of fuel to site	NA

  
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<b>43.Green Belt Development</b>	Total RG area :	NA
	No of trees to be cut :	NA
	Number of trees to be planted :	NA
	List of proposed native trees :	NA
	Timeline for completion of plantation :	NA

#### 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


<b>Power requirement:</b>	Source of power supply :	NA
	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

  
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50.Details of pollution control Systems							
Source	Existing pollution control system			Proposed to be installed			
SPM from Haul Road	NA			Water Sprinkling			
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	1	Environment Monitoring (Air, Water, Soil and Noise)	0.36	00			
2	2	Water Sprinkling	0.50	00			
3	3	Unpaved/ Haul road maintenance	0.45	00			
4	4	Occupational Health & safety	2.69	00			
5	5	Tarpaulin	0.05	00			
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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	1 (a) B2
	Court cases pending if any	Not Any
	Other Relevant Informations	Not Any
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-


## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
<b>Water Budget</b>	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
<b>Waste Water Treatment</b>	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 conform to the standards prescribed by MoEF&CC and CPCB.
<b>Drainage pattern of the project</b>	Not Applicable
<b>Ground water parameters</b>	No ground water withdrawal shall be permitted in the proposed sand mine area.

  
**Abhay Pimparkar (Secretary SEAC-I)**

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<b>Solid Waste Management</b>	No solid waste will be generated from proposed activity. PP to provide dust bins for the collection of solid waste if any.
<b>Air Quality &amp; Noise Level issues</b>	PP proposes water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
<b>Energy Management</b>	No energy is required for proposed activity.
<b>Traffic circulation system and risk assessment</b>	Not Applicable
<b>Landscape Plan</b>	Not Applicable
<b>Disaster management system and risk assessment</b>	PP proposes to provide caution boards & signage's to prevent any unforeseen accident.
<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
<b>Any other issues related to environmental sustainability</b>	PP to ensure that only manual mining is permitted and no mechanical or other devices shall be used for the purpose. No mining activity shall be carried out after sunset and before sun rise.

### Brief information of the project by SEAC

SEAC-AGENDA-0000002256

MoEF&CC issued amendment to the EIA Notification dated 15<sup>th</sup> January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0-5 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 15<sup>th</sup> 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 13<sup>th</sup> September, 2018 directed MoEF&CC as below,

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

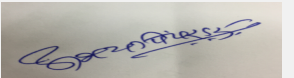
Further the grievance on non-compliance of above order was brought to the notice of Hon'ble National Green Tribunal vide execution application No. 55/2018 in O.A. No. 520/2106. In view of the execution application, Hon'ble National Green Tribunal passed order on 11<sup>th</sup> December, 2018 with following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

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

In view of above order the Revenue Department, State of Maharashtra issued letter on 15<sup>th</sup> December, 2018 to all Divisional Commissioners and District Collectors in the State directing them to submit all sand ghat proposals to the State Expert Appraisal Committee and State Environment Impact Assessment Authority for the grant of prior Environment Clearance.


State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 165<sup>th</sup> meeting held on 3<sup>rd</sup> to 8<sup>th</sup> May, 2019.

## DECISION OF SEAC

  
Abhay Pimparkar (Secretary  
SEAC-I)

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(Chairman SEAC-I)**

SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14<sup>th</sup> September, 2006, 15<sup>th</sup> January, 2016, and 14<sup>th</sup> 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.

PP informed that the proposed ghat is reserved for Government works only.


After detailed deliberations with the PP SEAC-1 decided to recommend the proposal to the SEIAA for prior Environment Clearance subject to the following conditions.

**Specific Conditions by SEAC:**

- 1) PP to ensure no stream is diverted due to sand mining activity.
- 2) PP shall carry out sand mining by manual method only. No mechanical/electrical/power driven devices shall be used for sand mining.
- 3) 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.
- 4) PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department.
- 5) PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector and District Mining Officer shall be held responsible for the noncompliance of the conditions.
- 6) PP to ensure that there is no damage to any fauna and its nesting close to the sand mining.
- 7) 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.
- 8) The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [ SLP (C ) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 be strictly followed.
- 9) PP to provide movable 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.
- 10) PP to ensure that no wild life habitat is infringed.
- 11) PP to ensure that parking shall not be made on Public roads or in the river bed.
- 12) The sand transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- 13) PP to provide First Aid facility at the proposed mining site.
- 14) The digital processing of the entire lease area in the district using remote sensing technique including GPS shall be monitored regularly.


**FINAL RECOMMENDATION**

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

  
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(Chairman SEAC-I)**


## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Proposed Sand Mining Project of Area at 1.13Ha. at Pawani Village, Tehsil - Warud, District- Amravati, State- Maharashtra.


**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Sand Mining Project of Area at 1.13Ha. at Pawani Village, Tehsil - Warud, District- Amravati, State- Maharashtra.
<b>2.Type of institution</b>	Government
<b>3.Name of Project Proponent</b>	District Mining Officer Amravati
<b>4.Name of Consultant</b>	Global Management and Engineering Consultants International
<b>5.Type of project</b>	Mining
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	NA
<b>8.Location of the project</b>	Survey/ Gut/ Khasra No. 123,125,134,135,136,137,138,139,140,142,144,150, Village - Pawani, Tehsil - Warud, District- Amravati, State- Maharashtra., Latitude (N) Longitude (E) 1. 21°22'1.74"N 78°18'59.80"E 2. 21°21'52.45"N 78°18'47.73"E 3. 21°21'51.71"N 78°18'48.12"E 4. 21°22'0.98"N 78°19'0.19"E
<b>9.Taluka</b>	Warud
<b>10.Village</b>	Pawani
<b>Correspondence Name:</b>	District Mining Officer Amravati - Shishir Naik
<b>Room Number:</b>	NA
<b>Floor:</b>	Ground Floor
<b>Building Name:</b>	Collect rate
<b>Road/Street Name:</b>	MH SH 243
<b>Locality:</b>	Paranjpe Colony
<b>City:</b>	Amravati
<b>11.Area of the project</b>	Other
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 00
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Mining Plan approved from Directorate of Geology & Mining Nagpur
<b>15.Total Plot Area (sq. m.)</b>	11300
<b>16.Deductions</b>	00
<b>17.Net Plot area</b>	11300
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 00
	<b>b) Non FSI area (sq. m.):</b> 00
	<b>c) Total BUA area (sq. m.):</b> 00
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> 00
	<b>Approved Non FSI area (sq. m.):</b> 00
	<b>Date of Approval:</b> 30-03-2019
<b>19.Total ground coverage (m2)</b>	00
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	00
<b>21.Estimated cost of the project</b>	3469600

  
**Abhay Pimparkar (Secretary SEAC-I)**

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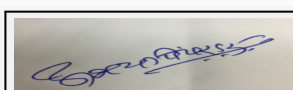
## 22. Number of buildings & its configuration

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	NA		
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	Sand (Total Quantity in Brass)	00	1988	1988

## 32. Total Water Requirement



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**Dr. Umakant Dangat (Chairman SEAC-I)**

Dry season:	Source of water	Government
	Fresh water (CMD):	9.0
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	9.0
	Fire fighting - Underground water tank(CMD):	0
	Fire fighting - Overhead water tank(CMD):	0
	Excess treated water	0
Wet season:	Source of water	NA
	Fresh water (CMD):	0
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	0
	Fire fighting - Underground water tank(CMD):	0
	Fire fighting - Overhead water tank(CMD):	0
	Excess treated water	0
Details of Swimming pool (If any)	Not applicable	

### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	2.0	2.0	0	2.0	2.0	0	0	0
Fresh water requirement	0	7.0	7.0	0	7.0	7.0	0	0	0


  
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<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	NA
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	NA
	<b>Size of recharge pits :</b>	NA
	<b>Budgetary allocation (Capital cost) :</b>	NA
	<b>Budgetary allocation (O &amp; M cost) :</b>	NA
	<b>Details of UGT tanks if any :</b>	NA
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	NA
	<b>Quantity of storm water:</b>	NA
	<b>Size of SWD:</b>	NA
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	1.60
	<b>STP technology:</b>	Use Mobile Toilet
	<b>Capacity of STP (CMD):</b>	NA
	<b>Location &amp; area of the STP:</b>	NA
	<b>Budgetary allocation (Capital cost):</b>	200000
	<b>Budgetary allocation (O &amp; M cost):</b>	NA
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	NA
	<b>Disposal of the construction waste debris:</b>	NA
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	3.0 kg/day
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA

  
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Collect in waste bin and send to nearby disposal facility
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	NA
	<b>Area for the storage of waste &amp; other material:</b>	NA
	<b>Area for machinery:</b>	NA
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	15000
	<b>O &amp; M cost:</b>	NA

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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	NA	NA	NA	NA

41. Source of Fuel	NA
42. Mode of Transportation of fuel to site	NA

  
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<b>43.Green Belt Development</b>	Total RG area :	NA
	No of trees to be cut :	NA
	Number of trees to be planted :	NA
	List of proposed native trees :	NA
	Timeline for completion of plantation :	NA

**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**


<b>Power requirement:</b>	Source of power supply :	NA
	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

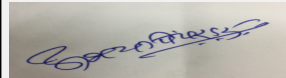
  
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50.Details of pollution control Systems							
Source	Existing pollution control system			Proposed to be installed			
SPM from Haul Road	NA			Water Sprinkling			
Budgetary allocation (Capital cost and O&M cost):	Capital cost:		NA				
	O & M cost:		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	1	Environment Monitoring (Air, Water, Soil and Noise)	0.36	00			
2	2	Water Sprinkling	0.50	00			
3	3	Unpaved/ Haul road maintenance	0.50	00			
4	4	Occupational Health & safety	2.69	00			
5	5	Tarpaulin	0.05	00			
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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					

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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	1 (a) B2
	Court cases pending if any	Not Any
	Other Relevant Informations	Not Any
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
<b>Water Budget</b>	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
<b>Waste Water Treatment</b>	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 conform to the standards prescribed by MoEF&CC and CPCB.
<b>Drainage pattern of the project</b>	Not Applicable
<b>Ground water parameters</b>	No ground water withdrawal shall be permitted in the proposed sand mine area.

  
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<b>Solid Waste Management</b>	No solid waste will be generated from proposed activity. PP to provide dust bins for the collection of solid waste if any.
<b>Air Quality &amp; Noise Level issues</b>	PP proposes water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
<b>Energy Management</b>	No energy is required for proposed activity.
<b>Traffic circulation system and risk assessment</b>	Not Applicable
<b>Landscape Plan</b>	Not Applicable
<b>Disaster management system and risk assessment</b>	PP proposes to provide caution boards & signage's to prevent any unforeseen accident.
<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
<b>Any other issues related to environmental sustainability</b>	PP to ensure that only manual mining is permitted and no mechanical or other devices shall be used for the purpose. No mining activity shall be carried out after sunset and before sun rise.
<b>Brief information of the project by SEAC</b>	

SEAC-AGENDA-0000002256

MoEF&CC issued amendment to the EIA Notification dated 15<sup>th</sup> January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0-5 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 15<sup>th</sup> 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 13<sup>th</sup> September, 2018 directed MoEF&CC as below,

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

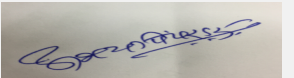
Further the grievance on non-compliance of above order was brought to the notice of Hon'ble National Green Tribunal vide execution application No. 55/2018 in O.A. No. 520/2106. In view of the execution application, Hon'ble National Green Tribunal passed order on 11<sup>th</sup> December, 2018 with following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

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

In view of above order the Revenue Department, State of Maharashtra issued letter on 15<sup>th</sup> December, 2018 to all Divisional Commissioners and District Collectors in the State directing them to submit all sand ghat proposals to the State Expert Appraisal Committee and State Environment Impact Assessment Authority for the grant of prior Environment Clearance.


State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 165<sup>th</sup> meeting held on 3<sup>rd</sup> to 8<sup>th</sup> May, 2019.

## DECISION OF SEAC

  
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SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14<sup>th</sup> September, 2006, 15<sup>th</sup> January, 2016, and 14<sup>th</sup> 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.

PP informed that the proposed ghat is reserved for Government works only.

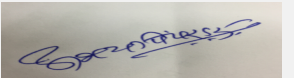
After detailed deliberations with the PP SEAC-1 decided to recommend the proposal to the SEIAA for prior Environment Clearance subject to the following conditions.

**Specific Conditions by SEAC:**

- 1) PP to ensure no stream is diverted due to sand mining activity.
- 2) PP shall carry out sand mining by manual method only. No mechanical/electrical/power driven devices shall be used for sand mining.
- 3) 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.
- 4) PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department.
- 5) PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector and District Mining Officer shall be held responsible for the noncompliance of the conditions.
- 6) PP to ensure that there is no damage to any fauna and its nesting close to the sand mining.
- 7) 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.
- 8) The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [ SLP (C ) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 be strictly followed.
- 9) PP to provide movable 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.
- 10) PP to ensure that no wild life habitat is infringed.
- 11) PP to ensure that parking shall not be made on Public roads or in the river bed.
- 12) The sand transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- 13) PP to provide First Aid facility at the proposed mining site.
- 14) The digital processing of the entire lease area in the district using remote sensing technique including GPS shall be monitored regularly.


**FINAL RECOMMENDATION**

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

  
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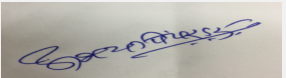
## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Proposed Sand Mining Project of Area 1.63Ha. at Ramtirtha Village, Tehsil - Daryapur, District- Amravati, State- Maharashtra.


**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Sand Mining Project of Area 1.63Ha. at Ramtirtha Village, Tehsil - Daryapur, District- Amravati, State- Maharashtra.
<b>2.Type of institution</b>	Government
<b>3.Name of Project Proponent</b>	District Mining Officer Amravati
<b>4.Name of Consultant</b>	Global Management and Engineering Consultants International
<b>5.Type of project</b>	Mining
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	NA
<b>8.Location of the project</b>	Survey/ Gut/ Khasra No. 468, 469, 483, 484, 486, 487, 495, 543, 544 & 545, Village -Ramtirtha, Tehsil - Daryapur, District- Amravati, State- Maharashtra., Latitude (N) Longitude (E) 1. 20°51'30.72"N 77°12'58.74"E 2. 20°51'31.71"N 77°13'21.20"E 3. 20°51'30.89"N 77°13'21.20"E 4. 20°51'29.91"N 77°12'58.74"E
<b>9.Taluka</b>	Daryapur
<b>10.Village</b>	Ramtirtha
<b>Correspondence Name:</b>	District Mining Officer Amravati - Shishir Naik
<b>Room Number:</b>	NA
<b>Floor:</b>	Ground Floor
<b>Building Name:</b>	Collect rate
<b>Road/Street Name:</b>	MH SH 243
<b>Locality:</b>	Paranjpe Colony
<b>City:</b>	Amravati
<b>11.Area of the project</b>	Other
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 00
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Mining Plan approved from Directorate of Geology & Mining Nagpur
<b>15.Total Plot Area (sq. m.)</b>	16300
<b>16.Deductions</b>	00
<b>17.Net Plot area</b>	16300
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	a) FSI area (sq. m.): 00 b) Non FSI area (sq. m.): 00 c) Total BUA area (sq. m.): 00
<b>18 (b).Approved Built up area as per DCR</b>	Approved FSI area (sq. m.): 00 Approved Non FSI area (sq. m.): 00 Date of Approval: 30-03-2019
<b>19.Total ground coverage (m2)</b>	00
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	00
<b>21.Estimated cost of the project</b>	5010700

  
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## 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	NA		
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	Sand (Total Quantity in Brass)	00	2871	2871

## 32. Total Water Requirement



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Dry season:	Source of water	Government
	Fresh water (CMD):	9.50
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	9.50
	Fire fighting - Underground water tank(CMD):	0
	Fire fighting - Overhead water tank(CMD):	0
	Excess treated water	0
Wet season:	Source of water	NA
	Fresh water (CMD):	0
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	0
	Fire fighting - Underground water tank(CMD):	0
	Fire fighting - Overhead water tank(CMD):	0
	Excess treated water	0
Details of Swimming pool (If any)	Not applicable	


### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	2.0	2.0	0	2.0	2.0	0	0	0
Fresh water requirement	0	7.50	7.50	0	7.50	7.50	0	0	0

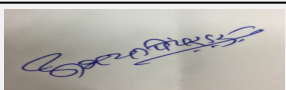
  
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<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	NA
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	NA
	<b>Size of recharge pits :</b>	NA
	<b>Budgetary allocation (Capital cost) :</b>	NA
	<b>Budgetary allocation (O &amp; M cost) :</b>	NA
	<b>Details of UGT tanks if any :</b>	NA
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	NA
	<b>Quantity of storm water:</b>	NA
	<b>Size of SWD:</b>	NA
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	1.60
	<b>STP technology:</b>	Use Mobile Toilet
	<b>Capacity of STP (CMD):</b>	NA
	<b>Location &amp; area of the STP:</b>	NA
	<b>Budgetary allocation (Capital cost):</b>	200000
	<b>Budgetary allocation (O &amp; M cost):</b>	NA
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	NA
	<b>Disposal of the construction waste debris:</b>	NA
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	3.0 kg/day
	<b>Wet waste:</b>	NAA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA

  
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Collect in waste bin and send to nearby disposal facility
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	NA
	<b>Area for the storage of waste &amp; other material:</b>	NA
	<b>Area for machinery:</b>	NA
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	15000
	<b>O &amp; M cost:</b>	NA

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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	NA	NA	NA	NA

41. Source of Fuel	NA
42. Mode of Transportation of fuel to site	NA

  
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<b>43.Green Belt Development</b>	Total RG area :	NA
	No of trees to be cut :	NA
	Number of trees to be planted :	NA
	List of proposed native trees :	NA
	Timeline for completion of plantation :	NA

#### 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


<b>Power requirement:</b>	Source of power supply :	NA
	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


  
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50.Details of pollution control Systems							
Source	Existing pollution control system			Proposed to be installed			
SPM from Haul Road	NA			Water Sprinkling			
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	1	Monitoring (Air, Water, Soil and Noise)	0.36	00			
2	2	Water Sprinkling	0.60	00			
3	3	Unpaved/ Haul road maintenance	0.40	00			
4	4	Occupational Health & safety	2.69	00			
5	5	Tarpaulin	0.05	00			
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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					

  
**Abhay Pimparkar (Secretary SEAC-I)**

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 Name: Dr. Umakant Dangat  
**Dr. Umakant Dangat (Chairman SEAC-I)**

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	1 (a) B2
	Court cases pending if any	Not Any
	Other Relevant Informations	Not Any
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-


## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
<b>Water Budget</b>	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
<b>Waste Water Treatment</b>	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 conform to the standards prescribed by MoEF&CC and CPCB.
<b>Drainage pattern of the project</b>	Not Applicable
<b>Ground water parameters</b>	No ground water withdrawal shall be permitted in the proposed sand mine area.

  
**Abhay Pimparkar (Secretary SEAC-I)**

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 Name: Dr. Umakant Dangat  
**Dr. Umakant Dangat  
 (Chairman SEAC-I)**

<b>Solid Waste Management</b>	No solid waste will be generated from proposed activity. PP to provide dust bins for the collection of solid waste if any.
<b>Air Quality &amp; Noise Level issues</b>	PP proposes water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
<b>Energy Management</b>	No energy is required for proposed activity.
<b>Traffic circulation system and risk assessment</b>	Not Applicable
<b>Landscape Plan</b>	Not Applicable
<b>Disaster management system and risk assessment</b>	PP proposes to provide caution boards & signage's to prevent any unforeseen accident.
<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
<b>Any other issues related to environmental sustainability</b>	PP to ensure that only manual mining is permitted and no mechanical or other devices shall be used for the purpose. No mining activity shall be carried out after sunset and before sun rise.

### Brief information of the project by SEAC


SEAC-AGENDA-0000002256



**Abhay Pimparkar (Secretary SEAC-I)**

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**Dr. Umakant Dangat (Chairman SEAC-I)**

MoEF&CC issued amendment to the EIA Notification dated 15<sup>th</sup> January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0-5 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 15<sup>th</sup> 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 13<sup>th</sup> September, 2018 directed MoEF&CC as below,

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

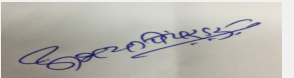
Further the grievance on non-compliance of above order was brought to the notice of Hon'ble National Green Tribunal vide execution application No. 55/2018 in O.A. No. 520/2106. In view of the execution application, Hon'ble National Green Tribunal passed order on 11<sup>th</sup> December, 2018 with following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

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

In view of above order the Revenue Department, State of Maharashtra issued letter on 15<sup>th</sup> December, 2018 to all Divisional Commissioners and District Collectors in the State directing them to submit all sand ghat proposals to the State Expert Appraisal Committee and State Environment Impact Assessment Authority for the grant of prior Environment Clearance.


State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 165<sup>th</sup> meeting held on 3<sup>rd</sup> to 8<sup>th</sup> May, 2019.

## DECISION OF SEAC

  
Abhay Pimparkar (Secretary  
SEAC-I)

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Name: Dr. Umakant Dangat  
**Dr. Umakant Dangat  
(Chairman SEAC-I)**



SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14<sup>th</sup> September, 2006, 15<sup>th</sup> January, 2016, and 14<sup>th</sup> 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.

PP informed that the proposed ghat is reserved for Government works only.

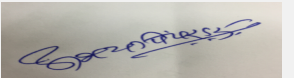
After detailed deliberations with the PP SEAC-1 decided to recommend the proposal to the SEIAA for prior Environment Clearance subject to the following conditions.

**Specific Conditions by SEAC:**

- 1) PP to ensure no stream is diverted due to sand mining activity.
- 2) PP shall carry out sand mining by manual method only. No mechanical/electrical/power driven devices shall be used for sand mining.
- 3) 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.
- 4) PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department.
- 5) PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector and District Mining Officer shall be held responsible for the noncompliance of the conditions.
- 6) PP to ensure that there is no damage to any fauna and its nesting close to the sand mining.
- 7) 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.
- 8) The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [ SLP ( C ) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 be strictly followed.
- 9) PP to provide movable 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.
- 10) PP to ensure that no wild life habitat is infringed.
- 11) PP to ensure that parking shall not be made on Public roads or in the river bed.
- 12) The sand transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- 13) PP to provide First Aid facility at the proposed mining site.
- 14) The digital processing of the entire lease area in the district using remote sensing technique including GPS shall be monitored regularly.


## FINAL RECOMMENDATION

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

  
**Abhay Pimparkar (Secretary  
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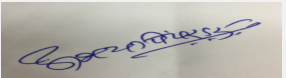
## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Proposed Sand Mining Project of Area 0.50 Ha. at Tongla Bad Village, Tehsil - Daryapur, District- Amravati, State- Maharashtra.


**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Sand Mining Project of Area 0.50 Ha. at Tongla Bad Village, Tehsil - Daryapur, District- Amravati, State- Maharashtra.
<b>2.Type of institution</b>	Government
<b>3.Name of Project Proponent</b>	District Mining Officer Amravati
<b>4.Name of Consultant</b>	Global Management and Engineering Consultants International
<b>5.Type of project</b>	Mining
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	NA
<b>8.Location of the project</b>	Survey/ Gut/ Khasra No. 160, 159 & 156, Village -Tongla Bad, Tehsil - Daryapur, District- Amravati, State- Maharashtra., Latitude (N) Longitude (E) 1. 20°52'43.69"N 77°16'13.37"E 2. 20°52'44.42"N 77°16'4.76"E 3. 20°52'43.77"N 77°16'4.75"E 4. 20°52'43.04"N 77°16'13.37"E
<b>9.Taluka</b>	Daryapur
<b>10.Village</b>	Tongla Bad
<b>Correspondence Name:</b>	District Mining Officer Amravati - Shishir Naik
<b>Room Number:</b>	NA
<b>Floor:</b>	Ground Floor
<b>Building Name:</b>	Collect rate
<b>Road/Street Name:</b>	MH SH 243
<b>Locality:</b>	Paranjpe Colony
<b>City:</b>	Amravati
<b>11.Area of the project</b>	Other
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 00
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Mining Plan approved from Directorate of Geology & Mining Nagpur
<b>15.Total Plot Area (sq. m.)</b>	5000
<b>16.Deductions</b>	00
<b>17.Net Plot area</b>	5000
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	a) FSI area (sq. m.): 00 b) Non FSI area (sq. m.): 00 c) Total BUA area (sq. m.): 00
<b>18 (b).Approved Built up area as per DCR</b>	Approved FSI area (sq. m.): 00 Approved Non FSI area (sq. m.): 00 Date of Approval: 30-03-2019
<b>19.Total ground coverage (m2)</b>	00
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	00
<b>21.Estimated cost of the project</b>	1541100

  
**Abhay Pimparkar (Secretary SEAC-I)**

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**Signature:**   
**Name: Dr. Umakant Dangat  
Dr. Umakant Dangat  
(Chairman SEAC-I)**

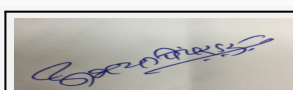
## 22. Number of buildings & its configuration

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	NA		
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	Sand (Total Quantity in Brass)	00	883	883

## 32. Total Water Requirement



**Abhay Pimparkar (Secretary SEAC-I)**

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**Dr. Umakant Dangat (Chairman SEAC-I)**

Dry season:	Source of water	Government
	Fresh water (CMD):	6.0
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	6.0
	Fire fighting - Underground water tank(CMD):	0
	Fire fighting - Overhead water tank(CMD):	0
	Excess treated water	0
Wet season:	Source of water	NA
	Fresh water (CMD):	0
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	0
	Fire fighting - Underground water tank(CMD):	0
	Fire fighting - Overhead water tank(CMD):	0
	Excess treated water	0
Details of Swimming pool (If any)	Not applicable	

### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	1.0	1.0	0	1.0	1.0	0	0	0
Fresh water requirement	0	6.0	6.0	0	6.0	6.0	0	0	0


  
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<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	NA
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	NA
	<b>Size of recharge pits :</b>	NA
	<b>Budgetary allocation (Capital cost) :</b>	NA
	<b>Budgetary allocation (O &amp; M cost) :</b>	NA
	<b>Details of UGT tanks if any :</b>	NA
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	NA
	<b>Quantity of storm water:</b>	NA
	<b>Size of SWD:</b>	NA
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	0.8
	<b>STP technology:</b>	Use Mobile Toilet
	<b>Capacity of STP (CMD):</b>	NA
	<b>Location &amp; area of the STP:</b>	NA
	<b>Budgetary allocation (Capital cost):</b>	200000
	<b>Budgetary allocation (O &amp; M cost):</b>	NA
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	NA
	<b>Disposal of the construction waste debris:</b>	NA
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	1.5 kg/day
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA

  
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Collect in waste bin and send to nearby disposal facility
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	NA
	<b>Area for the storage of waste &amp; other material:</b>	NA
	<b>Area for machinery:</b>	NA
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	25000
	<b>O &amp; M cost:</b>	NA

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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	NA	NA	NA	NA

41. Source of Fuel	NA
42. Mode of Transportation of fuel to site	NA

  
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**Dr. Umakant Dangat (Chairman SEAC-I)**

<b>43.Green Belt Development</b>	Total RG area :	NA
	No of trees to be cut :	NA
	Number of trees to be planted :	NA
	List of proposed native trees :	NA
	Timeline for completion of plantation :	NA

**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**


<b>Power requirement:</b>	Source of power supply :	NA
	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

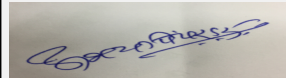
  
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Name: Dr. Umakant Gangotree Dangat  
**Dr. Umakant Dangat (Chairman SEAC-I)**

50.Details of pollution control Systems							
Source	Existing pollution control system			Proposed to be installed			
SPM from Haul Road	NA			Water Sprinkling			
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	1	Environment Monitoring (Air, Water, Soil and Noise)	0.36	00			
2	2	Water Sprinkling	0.45	00			
3	3	Unpaved/ Haul road maintenance	0.35	00			
4	4	Occupational Health & safety	2.49	00			
5	5	Tarpaulin	0.05	00			
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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					

  
**Abhay Pimparkar (Secretary SEAC-I)**

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 Name: Dr. Umakant Dangat  
**Dr. Umakant Dangat (Chairman SEAC-I)**



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	1 (a) B2
	Court cases pending if any	Not Any
	Other Relevant Informations	Not Any
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-


## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
<b>Water Budget</b>	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
<b>Waste Water Treatment</b>	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 conform to the standards prescribed by MoEF&CC and CPCB.
<b>Drainage pattern of the project</b>	Not Applicable
<b>Ground water parameters</b>	No ground water withdrawal shall be permitted in the proposed sand mine area.

  
**Abhay Pimparkar (Secretary SEAC-I)**

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**Dr. Umakant Dangat  
 (Chairman SEAC-I)**

<b>Solid Waste Management</b>	No solid waste will be generated from proposed activity. PP to provide dust bins for the collection of solid waste if any.
<b>Air Quality &amp; Noise Level issues</b>	PP proposes water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
<b>Energy Management</b>	No energy is required for proposed activity.
<b>Traffic circulation system and risk assessment</b>	Not Applicable
<b>Landscape Plan</b>	Not Applicable
<b>Disaster management system and risk assessment</b>	PP proposes to provide caution boards & signage's to prevent any unforeseen accident.
<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
<b>Any other issues related to environmental sustainability</b>	PP to ensure that only manual mining is permitted and no mechanical or other devices shall be used for the purpose. No mining activity shall be carried out after sunset and before sun rise.
<b>Brief information of the project by SEAC</b>	

SEAC-AGENDA-0000002256

MoEF&CC issued amendment to the EIA Notification dated 15<sup>th</sup> January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0-5 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 15<sup>th</sup> 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 13<sup>th</sup> September, 2018 directed MoEF&CC as below,

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

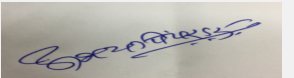
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*"we also make it clear that till a fresh Notification is issued by the MoEF&CC, Notification dated 15<sup>th</sup> January, 2016 will not be acted upon."*

In view of above order the Revenue Department, State of Maharashtra issued letter on 15<sup>th</sup> December, 2018 to all Divisional Commissioners and District Collectors in the State directing them to submit all sand ghat proposals to the State Expert Appraisal Committee and State Environment Impact Assessment Authority for the grant of prior Environment Clearance.


State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 165<sup>th</sup> meeting held on 3<sup>rd</sup> to 8<sup>th</sup> May, 2019.

## DECISION OF SEAC

  
Abhay Pimparkar (Secretary  
SEAC-I)

**SEAC Meeting No: 165th -Day 1 Meeting Date:  
May 3, 2019**

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Signature:   
Name: Dr. Umakant Dangat  
**Dr. Umakant Dangat  
(Chairman SEAC-I)**

SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14<sup>th</sup> September, 2006, 15<sup>th</sup> January, 2016, and 14<sup>th</sup> 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.

PP informed that the proposed ghat is reserved for Government works only.

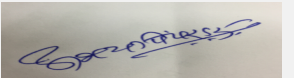
After detailed deliberations with the PP SEAC-1 decided to recommend the proposal to the SEIAA for prior Environment Clearance subject to the following conditions.

**Specific Conditions by SEAC:**

- 1) PP to ensure no stream is diverted due to sand mining activity.
- 2) PP shall carry out sand mining by manual method only. No mechanical/electrical/power driven devices shall be used for sand mining.
- 3) 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.
- 4) PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department.
- 5) PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector and District Mining Officer shall be held responsible for the noncompliance of the conditions.
- 6) PP to ensure that there is no damage to any fauna and its nesting close to the sand mining.
- 7) 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.
- 8) The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [ SLP (C ) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 be strictly followed.
- 9) PP to provide movable toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB.
- 10) PP to ensure that no wild life habitat is infringed.
- 11) PP to ensure that parking shall not be made on Public roads or in the river bed.
- 12) The sand transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- 13) PP to provide First Aid facility at the proposed mining site.
- 14) The digital processing of the entire lease area in the district using remote sensing technique including GPS shall be monitored regularly.


**FINAL RECOMMENDATION**

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

  
**Abhay Pimparkar (Secretary  
SEAC-I)**

**SEAC Meeting No: 165th -Day 1 Meeting Date:  
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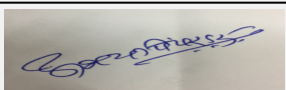
## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Proposed Sand Mining Project of Area at 0.70Ha. at Wadura Village, Tehsil - Daryapur, District- Amravati, State- Maharashtra


**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Sand Mining Project of Area at 0.70Ha. at Wadura Village, Tehsil - Daryapur, District- Amravati, State- Maharashtra
<b>2.Type of institution</b>	Government
<b>3.Name of Project Proponent</b>	District Mining Officer Amravati
<b>4.Name of Consultant</b>	Global Management and Engineering Consultants International
<b>5.Type of project</b>	Mining
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	NA
<b>8.Location of the project</b>	Survey/ Gut/ Khasra No. 1, 314 & 315, Village -Wadura, Tehsil - Daryapur, District- Amravati, State- Maharashtra., Latitude (N) Longitude (E) 1. 21° 2'16.04"N 77°32'12.92"E 2. 21° 2'13.50"N 77°32'13.68"E 3. 21° 2'10.42"N 77°32'12.99"E 4. 21° 2'5.82"N 77°32'8.52"E 5. 21° 2'2.19"N 77°32'7.81"E 6. 21° 1'59.72"N 77°32'9.77"E 7. 21° 1'57.38"N 77°32'12.85"E 8. 21° 1'57.16"N 77°32'12.59"E 9. 21° 1'59.51"N 77°32'9.50"E 10. 21° 2'2.16"N 77°32'7.46"E 11. 21° 2'6.03"N 77°32'8.24"E 12. 21° 2'10.58"N 77°32'12.67"E 13. 21° 2'13.46"N 77°32'13.29"E 14. 21° 2'15.93"N 77°32'12.58"E
<b>9.Taluka</b>	Daryapur
<b>10.Village</b>	Wadura
<b>Correspondence Name:</b>	District Mining Officer Amravati - Shishir Naik
<b>Room Number:</b>	NA
<b>Floor:</b>	Ground Floor
<b>Building Name:</b>	Collect rate
<b>Road/Street Name:</b>	MH SH 243
<b>Locality:</b>	Paranjpe Colony
<b>City:</b>	Amravati
<b>11.Area of the project</b>	Other
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 00
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Mining Plan approved from Directorate of Geology & Mining Nagpur
<b>15.Total Plot Area (sq. m.)</b>	7000
<b>16.Deductions</b>	00
<b>17.Net Plot area</b>	7000
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	a) FSI area (sq. m.): 00
	b) Non FSI area (sq. m.): 00
	c) Total BUA area (sq. m.): 00
<b>18 (b).Approved Built up area as per DCR</b>	Approved FSI area (sq. m.): 00
	Approved Non FSI area (sq. m.): 00
	Date of Approval: 30-03-2019
<b>19.Total ground coverage (m2)</b>	00


  
**Abhay Pimparkar (Secretary SEAC-I)**

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20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)		00		
21. Estimated cost of the project		2158900		
<b>22. Number of buildings &amp; its configuration</b>				
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		NA		
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		
<b>31. Production Details</b>				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Sand (Total Quantity in Brass)	00	1237	1237
<b>32. Total Water Requirement</b>				

  
**Abhay Pimparkar (Secretary SEAC-I)**

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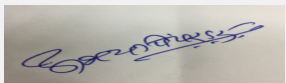
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 Name: Dr. Umakant Dangat  
**Dr. Umakant Dangat (Chairman SEAC-I)**

Dry season:	Source of water	Government
	Fresh water (CMD):	4.5
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	4.5
	Fire fighting - Underground water tank(CMD):	0
	Fire fighting - Overhead water tank(CMD):	0
	Excess treated water	0
Wet season:	Source of water	NA
	Fresh water (CMD):	0
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	0
	Fire fighting - Underground water tank(CMD):	0
	Fire fighting - Overhead water tank(CMD):	0
	Excess treated water	0
Details of Swimming pool (If any)	Not applicable	


### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	1.0	1.0	0	1.0	1.0	0	0	0
Fresh water requirement	0	3.5	3.5	0	3.5	3.5	0	0	0


  
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**Dr. Umakant Dangat (Chairman SEAC-I)**

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	NA
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	NA
	<b>Size of recharge pits :</b>	NA
	<b>Budgetary allocation (Capital cost) :</b>	NA
	<b>Budgetary allocation (O &amp; M cost) :</b>	NA
	<b>Details of UGT tanks if any :</b>	NA
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	NA
	<b>Quantity of storm water:</b>	NA
	<b>Size of SWD:</b>	NA
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	0.8
	<b>STP technology:</b>	Use Mobile Toilet
	<b>Capacity of STP (CMD):</b>	NA
	<b>Location &amp; area of the STP:</b>	NA
	<b>Budgetary allocation (Capital cost):</b>	200000
	<b>Budgetary allocation (O &amp; M cost):</b>	NA
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	NA
	<b>Disposal of the construction waste debris:</b>	NA
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	1.5 kg/day
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA

  
**Abhay Pimparkar (Secretary SEAC-I)**

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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Collect in waste bin and send to nearby disposal facility
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	NA
	<b>Area for the storage of waste &amp; other material:</b>	NA
	<b>Area for machinery:</b>	NA
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	15000
	<b>O &amp; M cost:</b>	NA

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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	NA	NA	NA	NA

41. Source of Fuel	NA
42. Mode of Transportation of fuel to site	NA

  
**Abhay Pimparkar (Secretary SEAC-I)**

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<b>43.Green Belt Development</b>	Total RG area :	NA
	No of trees to be cut :	NA
	Number of trees to be planted :	NA
	List of proposed native trees :	NA
	Timeline for completion of plantation :	NA

**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**

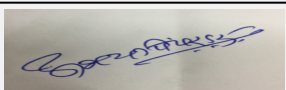
<b>Power requirement:</b>	Source of power supply :	NA
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	NA
	During Operation phase (Demand load):	NA
	Transformer:	NA
	DG set as Power back-up during operation phase:	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

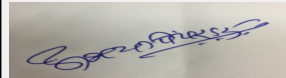
  
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50.Details of pollution control Systems							
Source	Existing pollution control system			Proposed to be installed			
SPM from Haul Road	NA			Water Sprinkling			
Budgetary allocation (Capital cost and O&M cost):	Capital cost:		NA				
	O & M cost:		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	1	Environment Monitoring (Air, Water, Soil and Noise)	0.36	0			
2	2	Water Sprinkling	0.30	0			
3	3	Unpaved/ Haul road maintenance	0.25	0			
4	4	Occupational Health & safety	2.49	0			
5	5	Tarpaulin	0.05	0			
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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					

  
**Abhay Pimparkar (Secretary SEAC-I)**

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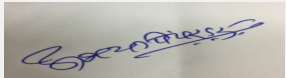
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Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	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	1 (a) B2
	Court cases pending if any	Not Any
	Other Relevant Informations	Not Any
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
<b>Water Budget</b>	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
<b>Waste Water Treatment</b>	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 conform to the standards prescribed by MoEF&CC and CPCB.
<b>Drainage pattern of the project</b>	Not Applicable
<b>Ground water parameters</b>	No ground water withdrawal shall be permitted in the proposed sand mine area.

  
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<b>Solid Waste Management</b>	No solid waste will be generated from proposed activity. PP to provide dust bins for the collection of solid waste if any.
<b>Air Quality &amp; Noise Level issues</b>	PP proposes water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
<b>Energy Management</b>	No energy is required for proposed activity.
<b>Traffic circulation system and risk assessment</b>	Not Applicable
<b>Landscape Plan</b>	Not Applicable
<b>Disaster management system and risk assessment</b>	PP proposes to provide caution boards & signage's to prevent any unforeseen accident.
<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
<b>Any other issues related to environmental sustainability</b>	PP to ensure that only manual mining is permitted and no mechanical or other devices shall be used for the purpose. No mining activity shall be carried out after sunset and before sun rise.
<b>Brief information of the project by SEAC</b>	

SEAC-AGENDA-0000002256

MoEF&CC issued amendment to the EIA Notification dated 15<sup>th</sup> January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0-5 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 15<sup>th</sup> 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.

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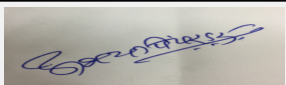
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State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 165<sup>th</sup> meeting held on 3<sup>rd</sup> to 8<sup>th</sup> May, 2019.

## DECISION OF SEAC

  
Abhay Pimparkar (Secretary  
SEAC-I)

**SEAC Meeting No: 165th -Day 1 Meeting Date:  
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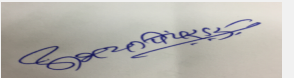
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- 3) PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise.
- 4) PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department.
- 5) PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector and District Mining Officer shall be held responsible for the noncompliance of the conditions.
- 6) PP to ensure that there is no damage to any fauna and its nesting close to the sand mining.
- 7) 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.
- 8) The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [ SLP (C ) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 be strictly followed.
- 9) PP to provide movable toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB.
- 10) PP to ensure that no wild life habitat is infringed.
- 11) PP to ensure that parking shall not be made on Public roads or in the river bed.
- 12) The sand transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- 13) PP to provide First Aid facility at the proposed mining site.
- 14) The digital processing of the entire lease area in the district using remote sensing technique including GPS shall be monitored regularly.


**FINAL RECOMMENDATION**

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

  
**Abhay Pimparkar (Secretary  
SEAC-I)**

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**Dr. Umakant Dangat  
(Chairman SEAC-I)**

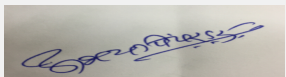
## 165th Meeting of State Level Expert Appraisal Committee (SEAC-1)

**SEAC Meeting number: 165th -Day 1 Meeting Date May 3, 2019**

**Subject:** Environment Clearance for Proposed Sand Mining Project of Area 0.30 Ha. at Sangawa Bu Village, Tehsil - Daryapur, District- Amravati, State- Maharashtra.


**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Sand Mining Project of Area 0.30 Ha. at Sangawa Bu Village, Tehsil - Daryapur, District- Amravati, State- Maharashtra.
<b>2.Type of institution</b>	Government
<b>3.Name of Project Proponent</b>	District Mining Officer Amravati
<b>4.Name of Consultant</b>	Global Management and Engineering Consultants International
<b>5.Type of project</b>	Mining
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	NA
<b>8.Location of the project</b>	Survey/ Gut/ Khasra No. 291 & 292, Village -Sangwa Bu, Tehsil - Daryapur, District- Amravati, State- Maharashtra., Latitude (N) Longitude (E) 1. 21° 3'46.05"N 77°28'58.31"E 2. 21° 3'43.07"N 77°28'52.16"E 3. 21° 3'43.55"N 77°28'52.09"E 4. 21° 3'46.53"N 77°28'58.25"E
<b>9.Taluka</b>	Daryapur
<b>10.Village</b>	Sangwa Bu
<b>Correspondence Name:</b>	District Mining Officer Amravati - Shishir Naik
<b>Room Number:</b>	NA
<b>Floor:</b>	Ground Floor
<b>Building Name:</b>	Collect rate
<b>Road/Street Name:</b>	MH SH 243
<b>Locality:</b>	Paranjpe Colony
<b>City:</b>	Amravati
<b>11.Area of the project</b>	Other
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 00
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Mining Plan approved from Directorate of Geology & Mining Nagpur
<b>15.Total Plot Area (sq. m.)</b>	3000
<b>16.Deductions</b>	00
<b>17.Net Plot area</b>	3000
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	a) FSI area (sq. m.): 00 b) Non FSI area (sq. m.): 00 c) Total BUA area (sq. m.): 00
<b>18 (b).Approved Built up area as per DCR</b>	Approved FSI area (sq. m.): 00 Approved Non FSI area (sq. m.): 00 Date of Approval: 30-03-2019
<b>19.Total ground coverage (m2)</b>	00
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	00
<b>21.Estimated cost of the project</b>	925000

  
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## 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	NA		
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	Sand (Total Quantity in Brass)	00	530	530

## 32. Total Water Requirement



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Dry season:	Source of water	Government
	Fresh water (CMD):	4.50
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	4.50
	Fire fighting - Underground water tank(CMD):	0
	Fire fighting - Overhead water tank(CMD):	0
	Excess treated water	0
Wet season:	Source of water	NA
	Fresh water (CMD):	0
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	0
	Fire fighting - Underground water tank(CMD):	0
	Fire fighting - Overhead water tank(CMD):	0
	Excess treated water	0
Details of Swimming pool (If any)	Not applicable	

### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	1.0	1.0	0	1.0	1.0	0	0	0
Fresh water requirement	0	3.5	3.5	0	3.5	3.5	0	0	0


  
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<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	NA
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	NA
	<b>Size of recharge pits :</b>	NA
	<b>Budgetary allocation (Capital cost) :</b>	NA
	<b>Budgetary allocation (O &amp; M cost) :</b>	NA
	<b>Details of UGT tanks if any :</b>	NA
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	NA
	<b>Quantity of storm water:</b>	NA
	<b>Size of SWD:</b>	NA
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	0.80
	<b>STP technology:</b>	Capacity of STP (CMD): NA
	<b>Capacity of STP (CMD):</b>	NA
	<b>Location &amp; area of the STP:</b>	NA
	<b>Budgetary allocation (Capital cost):</b>	200000
	<b>Budgetary allocation (O &amp; M cost):</b>	NA
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	NA
	<b>Disposal of the construction waste debris:</b>	NA
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	1.2 kg/day
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA

  
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Collect in waste bin and send to nearby disposal facility
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	NA
	<b>Area for the storage of waste &amp; other material:</b>	NA
	<b>Area for machinery:</b>	NA
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	15000
	<b>O &amp; M cost:</b>	NA

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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

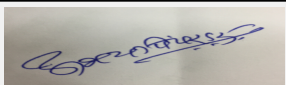
### 39. Stacks emission Details

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	NA	NA	NA	NA

41. Source of Fuel	NA
42. Mode of Transportation of fuel to site	NA

  
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<b>43.Green Belt Development</b>	Total RG area :	NA
	No of trees to be cut :	NA
	Number of trees to be planted :	NA
	List of proposed native trees :	NA
	Timeline for completion of plantation :	NA

#### 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


<b>Power requirement:</b>	Source of power supply :	NA
	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

  
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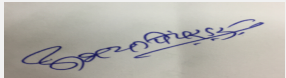
50.Details of pollution control Systems							
Source	Existing pollution control system			Proposed to be installed			
SPM from Haul Road	NA			Water Sprinkling			
Budgetary allocation (Capital cost and O&M cost):	Capital cost:		NA				
	O & M cost:		NA				
51.Environmental Management plan Budgetary Allocation							
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	1	Environment Monitoring (Air, Water, Soil and Noise)	0.36	0			
2	2	Water Sprinkling	0.35	0			
3	3	Unpaved/ Haul road maintenance	0.30	0			
4	4	Occupational Health & safety	2.49	0			
5	5	Tarpaulin	0.05	0			
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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					

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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	1 (a) B2
	Court cases pending if any	Not Any
	Other Relevant Informations	Not Any
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-


## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
<b>Water Budget</b>	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
<b>Waste Water Treatment</b>	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 conform to the standards prescribed by MoEF&CC and CPCB.
<b>Drainage pattern of the project</b>	Not Applicable
<b>Ground water parameters</b>	No ground water withdrawal shall be permitted in the proposed sand mine area.

  
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<b>Solid Waste Management</b>	No solid waste will be generated from proposed activity. PP to provide dust bins for the collection of solid waste if any.
<b>Air Quality &amp; Noise Level issues</b>	PP proposes water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
<b>Energy Management</b>	No energy is required for proposed activity.
<b>Traffic circulation system and risk assessment</b>	Not Applicable
<b>Landscape Plan</b>	Not Applicable
<b>Disaster management system and risk assessment</b>	PP proposes to provide caution boards & signage's to prevent any unforeseen accident.
<b>Socioeconomic impact assessment</b>	Not Applicable
<b>Environmental Management Plan</b>	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
<b>Any other issues related to environmental sustainability</b>	PP to ensure that only manual mining is permitted and no mechanical or other devices shall be used for the purpose. No mining activity shall be carried out after sunset and before sun rise.
<b>Brief information of the project by SEAC</b>	

SEAC-AGENDA-0000002256



MoEF&CC issued amendment to the EIA Notification dated 15<sup>th</sup> January, 2016 wherein stipulated the procedure to grant prior Environment Clearance to the projects of minor minerals having lease area 0-5 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 15<sup>th</sup> 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 13<sup>th</sup> September, 2018 directed MoEF&CC as below,

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

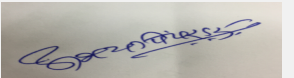
Further the grievance on non-compliance of above order was brought to the notice of Hon'ble National Green Tribunal vide execution application No. 55/2018 in O.A. No. 520/2106. In view of the execution application, Hon'ble National Green Tribunal passed order on 11<sup>th</sup> December, 2018 with following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

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

In view of above order the Revenue Department, State of Maharashtra issued letter on 15<sup>th</sup> December, 2018 to all Divisional Commissioners and District Collectors in the State directing them to submit all sand ghat proposals to the State Expert Appraisal Committee and State Environment Impact Assessment Authority for the grant of prior Environment Clearance.


State Expert Appraisal Committee received proposal from various districts for the appraisal. These proposal were put before the SEAC in 165<sup>th</sup> meeting held on 3<sup>rd</sup> to 8<sup>th</sup> May, 2019.

## DECISION OF SEAC

  
Abhay Pimparkar (Secretary  
SEAC-I)

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SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14<sup>th</sup> September, 2006, 15<sup>th</sup> January, 2016, and 14<sup>th</sup> 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.

PP informed that the proposed ghat is reserved for Government works only.


After detailed deliberations with the PP SEAC-1 decided to recommend the proposal to the SEIAA for prior Environment Clearance subject to the following conditions.

**Specific Conditions by SEAC:**

- 1) PP to ensure no stream is diverted due to sand mining activity.
- 2) PP shall carry out sand mining by manual method only. No mechanical/electrical/power driven devices shall be used for sand mining.
- 3) 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.
- 4) PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department.
- 5) PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector and District Mining Officer shall be held responsible for the noncompliance of the conditions.
- 6) PP to ensure that there is no damage to any fauna and its nesting close to the sand mining.
- 7) 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.
- 8) The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [ SLP (C ) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 be strictly followed.
- 9) PP to provide movable 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.
- 10) PP to ensure that no wild life habitat is infringed.
- 11) PP to ensure that parking shall not be made on Public roads or in the river bed.
- 12) The sand transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- 13) PP to provide First Aid facility at the proposed mining site.
- 14) The digital processing of the entire lease area in the district using remote sensing technique including GPS shall be monitored regularly.


**FINAL RECOMMENDATION**

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

  
**Abhay Pimparkar (Secretary  
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