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

SEAC Meeting number: 165th - Day 4 **Meeting Date** May 7, 2019

Subject: Environment Clearance for Proposed Expansion of Synthetic Organic Chemicals and API

Is a Violation Case: No

1.Name of Project	Proposed Expansion of Synthetic Organic Chemicals and API
2.Type of institution	Private
3.Name of Project Proponent	Mr. Shreyas Alias Ashok Narayan Pathare
4.Name of Consultant	JV Analytical Services
5.Type of project	Manufacturing of Synthetic Organic Chemicals and API
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	Not Applicable
8.Location of the project	Plot No. W-156, TTC Industrial Area, Pawane, Navi Mumbai
9.Taluka	Thane
10.Village	Pawane
Correspondence Name:	Sunil Gurav
Room Number:	Plot No. 72,
Floor:	Not applicable
Building Name:	Shreyas
Road/Street Name:	Mogul Lane
Locality:	Mahim
City:	Mumbai
11.Area of the project	Pawane Maharashtra Industrial Development Corporation(MIDC)
12.IOD/IOA/Concession/Plan Approval Number	Not applicable
	IOD/IOA/Concession/Plan Approval Number: Not applicable
	Approved Built-up Area: 321.98
13.Note on the initiated work (If applicable)	Not initiated work for Proposed expansion
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	1150 sqm
16.Deductions	No
17.Net Plot area	1150 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 14-07-2016
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	0

22.Number of buildings & its configuration

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

1	1	2	8.9

23.Number of tenants and shops	Not Applicable
24.Number of expected residents / users	Not applicable
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	18 meter
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	6 meter
29.Existing structure (s) if any	Manufacturing unit Exists from 1977
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	Surface Active Agent/Textile Auxillaries	3.0	0	3.0
2	Antioxidant/Styrenated Phenol	5.0	0	5.0
3	Plasticizers	1.0	0	1.0
4	Polyster Polyols	2.0	0	2.0
5	Cholorosulphonated Products	100	0	100
6	5,5- Dimethylhydatoin	0	100	100
7	Bis(2-pyridylthio)zinc 1,1'-dioxide (Zinc Pyrthione)	0	50	50
8	Iodo Propynyl Butyl Carbamate (IPBC)	0	50	50
9	Mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one and Methylchloroisothiazolinone (CMIT and MIT)	0	50	50
10	Chloroxylenol (PCMX)	0	100	100
11	Benzalkonium Chloride	0	200	200
12	Para Chloro Meta Cresol (PCMC)	0	100	100
13	Total	111	650	761

32.Total Water Requirement

Dry season:	**Source of water**	TTC MIDC
	Fresh water (CMD):	62.8
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	62.8
	Fire fighting - Underground water tank(CMD):	5000 litre
	Fire fighting - Overhead water tank(CMD):	0
	Excess treated water	0
Wet season:	**Source of water**	TTC MIDC
	Fresh water (CMD):	62.8
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	62.8
	Fire fighting - Underground water tank(CMD):	5000 litre
	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)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	2	0	2	0.2	0	0.2	1.8	0	1.8
Industrial Process	5	0	5	0.2	0	0.2	4.8	0	4.8
Cooling tower & thermopack	5.8	0	5.8	0.9	0	0.9	4.9	0	4.9

Industrial Process	50 (Water used in product)	0	50 (Water used in product)	0	0	0	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	5
	Size and no of RWH tank(s) and Quantity:	Not Applicable
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	Not Applicable
	Size of recharge pits :	Not Applicable
	Budgetary allocation (Capital cost) :	Not Applicable
	Budgetary allocation (O & M cost) :	Not Applicable
	Details of UGT tanks if any :	5000 litre capacity of UGT tank existing
35.Storm water drainage	**Natural water drainage pattern:**	Not Applicable
	Quantity of storm water:	Not Applicable
	Size of SWD:	Not Applicable
Sewage and Waste water	**Sewage generation in KLD:**	1.8
	STP technology:	No STP. Soak Pit is provided
	Capacity of STP (CMD):	1 Soak pit of capacity 2.0 KLD
	Location & area of the STP:	Not Applicable
	Budgetary allocation (Capital cost):	0.5 lakh
	Budgetary allocation (O & M cost):	0.2 Lakh/annum

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Not Applicable
	Disposal of the construction waste debris:	Not Applicable
Waste generation in the operation Phase:	**Dry waste:**	3.52 kg/day
	Wet waste:	5.28 kg/day
	Hazardous waste:	63.79 MT/Year and Used /Spent oil is 10 KL
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	No STP Provided
	Others if any:	Not Applicable

Mode of Disposal of waste:	**Dry waste:**	Handed over to Navi-Mumbai Municipal Corporation
	Wet waste:	Handed over to Navi-Mumbai Municipal Corporation
	Hazardous waste:	Disposed to TTCWMA Mahape
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Not Applicable
	Others if any:	Not Applicable
Area requirement:	**Location(s):**	Not Applicable
	Area for the storage of waste & other material:	-
	Area for machinery:	-
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not Applicable
	O & M cost:	Not Applicable

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	-	9-12	After primary treatment Sent to CETP	5.5-9.0
2	Total Suspended Solids	mg/l	5-150	After primary treatment Sent to CETP	100
3	Total Dissolved Solids	mg/l	1000-3000	After primary treatment Sent to CETP	Not Specified
4	Chemical Oxygen Demand	mg/l	50-1500	After primary treatment Sent to CETP	250
5	Biochemcial Oxygen Demand	mg/l	0-500	After primary treatment Sent to CETP	100
6	Oil and grease	mg/l	0-10	After primary treatment Sent to CETP	10

Amount of effluent generation (CMD):	11.5 (Domestic + Trade Effluent)
Capacity of the ETP:	5.08 m3
Amount of treated effluent recycled :	Nil
Amount of water send to the CETP:	11.5 m3/day
Membership of CETP (if require):	CETP Thane-Belapur Assciation Member
Note on ETP technology to be used	Only Primary Treatment to reduce pH and TSS is carried out
Disposal of the ETP sludge	Not Applicable

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used/Spent oil	5.1	KL	0	10	10	TTCWMA

2	Contaminated Aromatic Aliphatic or Naptheonic solvents may or may not be fit for reuse	20.1	MT/Year	0	0.3	0.3	TTCWMA
3	Chemical containing residue arising from decontaminatio n	34.1	MT/Year	0	0.49	0.49	TTCWMA
4	Chemical sludge from waste water treatment	35.3	MT/Year	0	14	14	TTCWMA
5	Wastes or residues containing oil	5.2	MT/Year	0	49.0	49.0	TTCWMA

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Thermic Fluid Heater	Fuel: LDO, quantity: 400ml/min	1	11.0	1.5	-
2	DG Set 200kVA	Fuel: HSD, quantity: 6.94l/day	2	11.0	0.15	499K

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	LDO(ml/min)	400	0	400
2	HSD(litre/day)	6.94	0	6.94
41.Source of Fuel		Local		
42.Mode of Transportation of fuel to site		Tanker		

43.Green Belt Development

Total RG area :	45 sq.m
No of trees to be cut :	0
Number of trees to be planted :	0
List of proposed native trees :	Not Applicable
Timeline for completion of plantation :	Not Applicable

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	3	Medicinal value, To control soil erosion.
2	Cassia fistula	Bahawa	2	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant,
3	Saraca indica	Sita-ashok	2	Medicinal value, Drought tolerant species
4	Dalbergia sissoo	Shisav	2	Medicinal value
45.Total quantity of plants on ground				

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

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

47.Energy

Power requirement:	**Source of power supply :**	State Electricity Board
	During Construction Phase: (Demand Load)	Not Applicable
	DG set as Power back-up during construction phase	Not Applicable
	During Operation phase (Connected load):	200KW
	During Operation phase (Demand load):	200KW
	Transformer:	Not Applicable
	DG set as Power back-up during operation phase:	200kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No High Tension Line passes through plot

48.Energy saving by non-conventional method:

Not Applicable

49.Detail calculations & % of saving:

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

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air Pollution Control	Scrubber	-
Water Pollution Control	Primary Treatment in ETP then sent to CETP	-

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	0
	O & M cost:	0

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)

1	Not Applicable	Not Applicable	Not Applicable

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	-	0	1.2
2	Water Pollution Control	ETP	0	0.5
3	Solid/Hazardous Waste Management	-	0	0.5
4	Noise Pollution Control	DG Set Acoustic for Shake out(2no.)	0	0.02
5	Occupational Health	-	0	3.0
6	Environment Monitoring and Management	-	0	0.5
7	Green Belt Development	Plantation	0	0.1
8	Others	Consultation and Training	0	0.3
9	Community Development	Corporate Social Responsibility	0	0.3
10	Water Pollution Control	Soak pit	0	0.2
11	Total	-	0	6.62

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
Toluene	Flammable Liquid	Storage area	10 T/M	5 T/M	10 T/M	Local Supplier	Truck
Chlorine Gas	Toxic	Storage area	0.5 T/M	0.5 T/M	0.5 T/M	Local Supplier	Truck
Ethylene Dichloride	Flammable Liquid	Storage area	20 T/M	15 T/M	20 T/M	Local Supplier	Truck
Benzyl Chloride	Flammable Liquid	Storage area	10 T/M	6 T/M	10 T/M	Local Supplier	Truck
Alcohol (Isopropyl / ethanol)	Flammable Liquid	Storage area	5 T/M	2 T/M	5 T/M	Local Supplier	Truck
Paraformaldehyde	Flammable Solid	Storage area	10 T/M	6 T/M	10 T/M	Local Supplier	Truck
Sulfuryl Chloride	Corrosive Substance	Storage area	10 T/M	4 T/M	10 T/M	Local Supplier	Truck
Metacresol	Combustable Liquid	Storage area	10 T/M	5 T/M	10 T/M	Local Supplier	Truck
Sodium Hydroxide	Corrosive Substance	Storage area	5 T/M	5 T/M	5 T/M	Local Supplier	Truck
Zinc Chloride	Corrosive Substance	Storage area	10 T/M	5 T/M	10 T/M	Local Supplier	Truck

Sodium Iodide	Corrosive Substance	Storage area	10 T/M	2 T/M	10 T/M	Local Supplier	Truck
Sodium Hypochlorite	Oxidizing Substance	Storage area	10 T/M	10 T/M	10 T/M	Local Supplier	Truck
3,5-Xylenol	Solid	Storage area	30 T/M	20 T/M	30 T/M	Local Supplier	Truck

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not Applicable
Parking details:	**Number and area of basement:**	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	Not Applicable
	Area per car:	Not Applicable
	Area per car:	Not Applicable
	Number of 2-Wheelers as approved by competent authority:	Not Applicable
	Number of 4-Wheelers as approved by competent authority:	Not Applicable
	Public Transport:	Nearest Railway Station Koperkhairne at 3.0 km
	Width of all Internal roads (m):	6 meter
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	5(f)
	Court cases pending if any	No court cases pending against project till date.
	Other Relevant Informations	Not Applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	23-05-2017

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

Brief information of the project by SEAC

PP obtained ToR from EAC, MoEF&CC vide letter No. J-11011/336/2016-IA.II(I) dated 29.04.2017 under category 5(f)B1.

PP submitted EIA/EMP report for appraisal.

The proposal was considerd in 163rd meeting of SEAC-1 held on 14.03.2019 wherein PP requested to postpone the case.

DECISION OF SEAC

During deliberaions with the PP and their accredited consultant it was obsevred that, PP has mentioned zero estimated project cost in the consolidated stataement which is not acceptable. PP proposes only 3.94 % green belt within the plot area against mandatory 33% green belt.

In view of the above, SEAC-1 directed PP to submit true and correct information aboout estimated project cost along with certificate from Chartered Accountant. PP shall submit revised lay out plan showing,

i) 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.

ii) PP to submit plan layout showing contour levels, storm water drain lines and location of rain water harvesting facilities along with calculations.

Hence, SEAC-1 decided to defer the proposal till submission of docuemnts as mentioned above.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

Subject: Environment Clearance for Stone Quarry Mining at Village : Malthan, Tal : Shirur , Dist : Pune

Is a Violation Case: No

1.Name of Project	M/s. Siddhvinayak Stone Crusher
2.Type of institution	Private
3.Name of Project Proponent	Mr. Sagar Machindra Saikar and Mrs. Parvati Vikram Bhujbal
4.Name of Consultant	JV Analytical Services
5.Type of project	Stone Quarry Mining
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Gat no.143 (Part), Village: Malthan, Tal : Shirur, Dist : Pune
9.Taluka	Shirur
10.Village	Malthan
Correspondence Name:	Mr. Sagar Machindra Saikar
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	-
Locality:	At/ Post : Shikrapur (Malthan Phata) , Tal : Shirur , Dist : Pune
City:	Pune
11.Area of the project	Grampanchyat Malthan, Tal : Shirur , Dist : Pune
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 10000
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	1.00 Ha
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.): 10000
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: 31-01-2017
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	8000000

22.Number of buildings & its configuration

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

1	Not applicable	Not applicable	Not applicable

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

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Stone	Not applicable	1613	1613

32.Total Water Requirement

Dry season:	**Source of water**	Water Tanker
	Fresh water (CMD):	3.2
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	3.2 m3/day
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable

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

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Fresh water requirement	NA	3.2	3.2	-	-	-	-	-	-

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	12 Meter
	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

35.Storm water drainage	**Natural water drainage pattern:**	NA
	Quantity of storm water:	NA
	Size of SWD:	NA
Sewage and Waste water	**Sewage generation in KLD:**	NA
	STP technology:	Mobile toilets will be used
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA
	Budgetary allocation (O & M cost):	NA

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	NA
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	**Dry waste:**	Top soil generation will be negligible. The top soil available will be utilized for plantation purposes
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Mode of Disposal of waste:	**Dry waste:**	Top soil generation will be negligible. The top soil available will be utilized for plantation purposes
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	**Location(s):**	NA
	Area for the storage of waste & other material:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA
Amount of effluent generation (CMD):		NA			
Capacity of the ETP:		NA			
Amount of treated effluent recycled :		NA			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		NA			
Disposal of the ETP sludge		NA			

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	NA	NA	NA	NA	NA	NA

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	NA	NA	NA	NA
41.Source of Fuel		NA		
42.Mode of Transportation of fuel to site		NA		

43.Green Belt Development	**Total RG area :**	0.2870 Ha
	No of trees to be cut :	Not Applicable
	Number of trees to be planted :	290
	List of proposed native trees :	Attached
	Timeline for completion of plantation :	1 Year

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	Azardirachta indica	Neem	30	Medicinal value, To control soil erosion.
2	Tamarindus indica	Chinch	30	Edible fruit.
3	Dalbergia sissoo	Shisam	30	Medicinal value, Bird attracting species
4	Samanea saman	Raintree	25	Fodder, timber.

5	Delonix regia	Gulmohor	30	Gulmohar is an ornament plant
6	Syzygium cumini	Jambhul	20	Medicinal value, Edible fruit.
7	Pongia pinnata	Karanj	20	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.
8	Ficus recemosa	Umber	20	Medicinal value, Edible fruits, Bird attracting species
9	Ficus relegiosa	Pimpal	15	Ficus religiosa is used in traditional medicine for about 50 types of disorders including asthma, diabetes, diarrhea, epilepsy, gastric problems, inflammatory disorders
10	Termanilia arjuna	Arjun	20	Medicinal value
11	Magnifera indica	Amba	30	Edible fruits,
12	Eucalyptus Spp	Nilgiri	20	Nilgiris, timber is used for temporary construction, Nilgiri oil is useful in many pharmaceutical preparations, flavouring of cough lozenges, mouth gargles, tooth-pastes, perfumes, repellents against mosquitoes, vermins, germicides etc.
13	Total	-	290	-
45.Total quantity of plants on ground				

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

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

47.Energy

Power requirement:	**Source of power supply :**	MSEB
	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:	No high tension line passing through the plot

48.Energy saving by non-conventional method:

NA

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air Pollution Control	NA	Water Sprinkling on road for dust control
Noise Pollution Control	NA	Scheduled and preventive maintenance of all machines will be carried out periodically to keep the original condition of the equipment so that noise generation from them can be reduced and controlled., Plantation will be done on the sides of approach roads, around rest shelter and workshop area. The plantation work minimizes propagation of noise.

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	NA	NA	NA

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	Water Sprinkling on road for dust control	0.60	0.10
2	Green Belt Development	Tree Plantation	0.50	0.10
3	Periodic Monitoring	Periodic Monitoring of Air, Water, Noise, and Soil	-	0.60

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management		
	Nos. of the junction to the main road & design of confluence:	NA
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	6 meter
	CRZ/ RRZ clearance obtain, if any:	No CRZ clearance is required
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	Category B2
	Court cases pending if any	No
	Other Relevant Informations	1) 18°49'16.90"N 74°13'21.84"E 2) 18°49'19.65"N 74°13'22.71"E 3) 18°49'18.32"N 74°13'26.62"E 4) 18°49'16.01"N 74°13'26.26"E
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable

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

Brief information of the project by SEAC

DECISION OF SEAC

PP requested to postpone the case.

Hence, deferred

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

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

SEAC Meeting number: 165th - Day 4 **Meeting Date** May 7, 2019

Subject: Environment Clearance for Expansion with change in product mix of Bulk Drug & Specialty Chemical by Dikora Bulk Drug Private Limited

Is a Violation Case: No

1.Name of Project	Expansion with change in product mix of Bulk Drug & Specialty Chemical Industrial Project by Dikora Bulk Drug Private Limited.
2.Type of institution	Private
3.Name of Project Proponent	Komal Vikram Patil
4.Name of Consultant	Mantras Green Resources Ltd.
5.Type of project	5(f) B 1
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion of Existing Project with Change in Product Mix
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Environmental Clearance (EC) was not required for manufacturing of inorganic chemicals.
8.Location of the project	Plot No. 29, Kinhi, MIDC, Tal. Bhusawal Dist. Jalgaon
9.Taluka	Bhusawal
10.Village	Kinhi
Correspondence Name:	Plot No. 29
Room Number:	Kinhi, MIDC
Floor:	Dist. Jalgaon
Building Name:	Tal. Bhusawal
Road/Street Name:	Tal. Bhusawal
Locality:	Kinhi,
City:	Jalgaon
11.Area of the project	NA
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: DE/JLG/SPA/2018/D 36741
	IOD/IOA/Concession/Plan Approval Number: DE/JLG/SPA/2018/D 36741
	Approved Built-up Area: 2258.85
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	10000 sq. mt
16.Deductions	1000 sq. mt
17.Net Plot area	9000 sq. mt
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 2258.85 sq. mt
	b) Non FSI area (sq. m.):
	c) Total BUA area (sq. m.): 2258.85
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 2258.85
	Approved Non FSI area (sq. m.):
	Date of Approval: 31-10-2018
19.Total ground coverage (m2)	1894.95
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	18.9
21.Estimated cost of the project	34857000

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 mt
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Turning Radius of 9 Meters
29.Existing structure (s) if any	Manufacturing shed, Godown, Laboratory Building, R & D Shed, Solvent Godown, Watchman Cabin, HR & account shed, EHS shed etc.
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	Phosphorous Tribromide	833.3	0	833.3
2	Bromine Liquid	33333.3	0	33333.3
3	Sodium Chloride	833.3	0	833.3
4	Amlodipine Besylate	Nil	416.6	416.6
5	Atenolol	Nil	833.3	833.3
6	Bupropion HCl	Nil	250	250
7	Carvedilol	Nil	166.6	166.6
8	Escitalopram Oxalate	Nil	83.3	83.3
9	Eszopiclone	Nil	4.16	4.16
10	Etodolac	Nil	183.3	183.3
11	Lamotrigine	Nil	416.6	416.6
12	Olanzapin	Nil	83.3	83.3
13	Quetiapine	Nil	166.6	166.6
14	Sumatriptan	Nil	4.16	4.16
15	Telmisartan	Nil	83.3	83.3
16	Tramadol HCL	Nil	166.6	166.6
17	Venlafaxine	Nil	166.6	166.6

18	Zopiclone	Nil	4.16	4.16
19	Tetra Butyl Ammonium Tri Bromide	Nil	416.6	416.6
20	Para Bromo Phenol	Nil	833.3	833.3

32.Total Water Requirement

Dry season:	**Source of water**	MIDC Kinhi
	Fresh water (CMD):	6.5 CMD
	Recycled water - Flushing (CMD):	12.5 CMD
	Recycled water - Gardening (CMD):	1.0 CMD
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	20.0 CMD
	Fire fighting - Underground water tank(CMD):	50 m3
	Fire fighting - Overhead water tank(CMD):	50 m3
	Excess treated water	Nil
Wet season:	**Source of water**	MIDC
	Fresh water (CMD):	6.5 CMD
	Recycled water - Flushing (CMD):	12.5 CMD
	Recycled water - Gardening (CMD):	1.0 CMD
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	20.0 CMD
	Fire fighting - Underground water tank(CMD):	50 m3
	Fire fighting - Overhead water tank(CMD):	50m3
	Excess treated water	Nil
Details of Swimming pool (If any)	Nil	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	1.5	0.5	2.0	0.75	0.25	1.0	0.75	0.25	1.0

Industrial Process	10.0	5.5	15.5	1.0	0.55	1.55	9.0	4.95	13.95
Cooling tower & thermopack	1.0	0.5	1.5	0.8	0.4	1.2	0.2	0.1	0.3
Gardening	1.0	0.0	1.0	1.0	0.0	1.0	0	0	0
Fresh water requirement	13.5	6.5	20.0	3.55	1.2	4.75	9.95	5.3	15.25

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Pre-monsoon: 3.2 m-67 m, Post-monsoon; 0.8 m -27.1 m
	Size and no of RWH tank(s) and Quantity:	3mX7m 1 nos
	Location of the RWH tank(s):	Underground tank in Garden
	Quantity of recharge pits:	2 nos
	Size of recharge pits :	1 m X 0.5 m with 100 mm bore pipe -2 nos
	Budgetary allocation (Capital cost) :	Rs 0.5 lacs
	Budgetary allocation (O & M cost) :	Rs 0.1 lacs
	Details of UGT tanks if any :	50 m3
35.Storm water drainage	**Natural water drainage pattern:**	By Storm Water Drainage
	Quantity of storm water:	0.27m3 per sec
	Size of SWD:	300mm x 300mm
Sewage and Waste water	**Sewage generation in KLD:**	Existing 0.5KLD and Proposed 0.5KLD Total 1.0 KLD
	STP technology:	Septic tank followed by soak pit
	Capacity of STP (CMD):	2.0
	Location & area of the STP:	3mx1m
	Budgetary allocation (Capital cost):	0.5 lacs
	Budgetary allocation (O & M cost):	0.1 lacs

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Coal ash: 8 kg/day.
	Disposal of the construction waste debris:	Sold to brick manufacturer.
Waste generation in the operation Phase:	**Dry waste:**	NA
	Wet waste:	NA
	Hazardous waste:	CHWTSDF
	Biomedical waste (If applicable):	Chemical sludge from ETP: 30 kg/day Distillation residue: 2 kg/day
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Mode of Disposal of waste:	**Dry waste:**	NA
	Wet waste:	NA
	Hazardous waste:	CHWTSDF
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	**Location(s):**	Effluent Treatment Plant
	Area for the storage of waste & other material:	3.0 m3
	Area for machinery:	48.0m3
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	45.0 lacs
	O & M cost:	0.1lacs

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	NA	5-8	7.0	7-10
2	Suspended Solids	Mg/ltr	140-180	90	100
3	BOD	Mg/ltr	0-50	80	100
4	COD	Mg/ltr	200-400	210	250
5	Oil & grease	Mg/ltr	15	9	10

Amount of effluent generation (CMD):	15.0 CMD
Capacity of the ETP:	Existing 10 KLD & Proposed 5.0 KLD ; Total 15.0 KLD
Amount of treated effluent recycled :	13.5 CMD
Amount of water send to the CETP:	None of the water send to CETP as it will bereused for Gardening, Cooling tower & Industrial Processing
Membership of CETP (if require):	N.A.
Note on ETP technology to be used	Effluent shall be treated in the in house full -fledged effluent treatment plant followed by purification of treated water in advanced RO system. It will be reused for gardening and treated effluent will be recycled.
Disposal of the ETP sludge	Collected, stored safely and disposed to CHWTSDF.

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Chemical sludge from ETP	34.3	Kg/day	30	15 kg/day	45 kg/day	To be disposed to CHWTSDF
2	Distillation residue	20.3	kg/day	2	1 kg/day	3 kg/day	To be disposed 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	Boiler	Coal, 80kg/hr	1	15	0.45	230 C

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal	2000kg/day	2000kg/day	4000kg/day
41.Source of Fuel		Traders		
42.Mode of Transportation of fuel to site		By road		

43.Green Belt Development	**Total RG area :**	3300 m2
	No of trees to be cut :	Nil
	Number of trees to be planted :	80
	List of proposed native trees :	Ashoka Trees, Chafa Tree, Tree, Mango Tree, Tagar
	Timeline for completion of plantation :	Within Nine 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	Saracaasoca	Ashoka	20	It is a small medium sized evergreen tree, which is tolerant to Air Pollution and is effective in reducing noise pollution
2	Plumeria rubra	Chafa	16	It is a evergreen shrub or a tree & is used as a stimulant, in decoction used as a purgative, febrifuge, and emmenagogue; also used in dropsical and venereal affections and said to be a powerful anti-herpatic.
3	Mangiferaindica	Mango	16	Plants, like peepal, can uptake Carbon dioxide during the night as well because they perform a special type of photosynthesis , balances the Climatic Conditions , controls soil erosion and improves soil fertility.
4	Tabernaemontana divaricata	Tagar	17	It is used in ayurvedic medicine and the traditional medicine of South East Asia,

5	Ficus religiosa	Peepal	16	It is used in ayurvedic medicine and the traditional medicine, Bioindicator
45.Total quantity of plants on ground				

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

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

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	15 KW
	DG set as Power back-up during construction phase	125 KVA
	During Operation phase (Connected load):	125 KVA
	During Operation phase (Demand load):	125 KVA
	Transformer:	75 KVA
	DG set as Power back-up during operation phase:	125 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NO

48.Energy saving by non-conventional method:

CFL bulbs will be used for common lightening

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	It is proposed to install Solar Light poles within the Industrial area to saving energy by non-conventional method	10

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air pollution source: Boiler, Stack emissions, DG set emissions, vehicular movement	Cyclone separator Stack of recommended height	Cyclone separator

Boiler	Cyclone separator	Cyclone separator
Water Pollution	ETP	ZLD system
Noise pollution due to presence of DG sets	Acoustic enclosure provided	Acoustic enclosure provided

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	ZLD	R.O. System + Evaporator	45	1.8
2	ETP	Membrane Diffusers, Blower	5	0.75
3	Emission	Fugitive Emission Handling System	0.5	0.2
4	Stack Emission	Cyclone Separator	1.25	0.15
5	Noise Pollution	Acoustic Enclouser	1.00	0

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Methanol	U/Purchasing	Solvent Yard	20	10	6	Approved Vendor	By Road
Toluene	U/Purchasing	Solvent Yard	10	5	3	Approved Vendor	By Road
Conc. Sulfuric acid	U/Purchasing	Chemical Store Room	1	0.5	0.5	Approved Vendor	By Road
Chlorine Gas	U/Purchasing	Chlorine Tuner Storage	10	6	3	Approved Vendor	By Road
Bromine	U/Purchasing	Bromine store room	10	6	3	Self manufacturing	By Road

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:	294.0 m2
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	Jalgaon Municipal Transport
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	(5 F) B1
	Court cases pending if any	NA
	Other Relevant Informations	1. We are certified with ISO 9001 - 2015 by certification Body Tuv Nord. 2. We are going to implement ISO 14001 & 18001 in coming Year 2019- 2020. 3. Our R & D team working on to reduce pollution load
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable

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

Brief information of the project by SEAC

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

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

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.

SEAC-1 decided to carry out site visit to ensure that, whether PP initiated any expansion acivity on site without obtaining prior Environment Clearance.

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 include detailed material balance charts for each product showing consumption of raw material, sources of pollution and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.
5) PP to include detailed water balance calculations along with design details of zero liquid discharge ETP in the EIA report.
6) 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.
7) PP to carry out HAZOP and QRA and submit disaster management plan.
8) 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.
9) 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.
10) PP to submit structural stability certificate of existing building with respect to the proposed expansion.
11) PP to include water and carbon foot print monitoring in the EMP.
12) PP to submit hazardous chemical handling protocol
13) 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.

Subject: Environment Clearance for Environment Clearance for Opencast Mining Project of Nagartaswadi Bauxite Mine

Is a Violation Case: No

1.Name of Project	Nagartaswadi Bauxite Mine
2.Type of institution	Private
3.Name of Project Proponent	Hindalco Industries Ltd.
4.Name of Consultant	Srushti Seva Private Limited
5.Type of project	Mining Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Khasra No. 121(P) of Kanur Khurd Village, Khasra No. 61(P) of Pundra Village, Khasra No. 52(P) of Kanur Budruk Village and Khasra No. 54(P), 55(P), 58(P) 59(P) and 61(P) of Dhamapur Village
9.Taluka	Chandgad
10.Village	Kanur Khurd, Pundra, Kanur Budruk and Dhamapur
Correspondence Name:	Hindalco Industries Ltd.
Room Number:	-
Floor:	7th floor,
Building Name:	Birla Centurion,
Road/Street Name:	21, Pandurang Budhkar Marg,
Locality:	Worli
City:	Mumbai
11.Area of the project	Corporation
12.IOD/IOA/Concession/Plan Approval Number	Not Applicable
	IOD/IOA/Concession/Plan Approval Number: Not Applicable
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	42.90 Ha
16.Deductions	Not applicable
17.Net Plot area	42.90 Ha
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 18-08-2017
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	20039000

22.Number of buildings & its configuration

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

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

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Bauxite	Nil	21186.58	21186.58

32.Total Water Requirement

Dry season:	**Source of water**	Purchased Tanker water and Borewell water
	Fresh water (CMD):	35
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable

Wet season:	**Source of water**	Purchased Tanker water and Borewell water
	Fresh water (CMD):	35
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	Nil	2.5	2.5	Nil	0.5	0.5	Nil	2	2
Gardening	Nil	32.5	32.5	Nil	32.5	32.5	Nil	Nil	Nil
Fresh water requirement	Nil	35	35	Nil	33	33	Nil	2	2

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	5 to 12 m bgl
	Size and no of RWH tank(s) and Quantity:	Garland drains 700 m
	Location of the RWH tank(s):	Along the east and west boundary of mining lease area
	Quantity of recharge pits:	To be estimated
	Size of recharge pits :	700 length x 2 m width x 1 m depth : Garland drain
	Budgetary allocation (Capital cost) :	Rs. 500000
	Budgetary allocation (O & M cost) :	Rs. 50000
	Details of UGT tanks if any :	Not Applicable

35.Storm water drainage	**Natural water drainage pattern:**	Not Applicable. However, the storm water due to rainfall will be channelized to the natural water courses like gullies and depression through appropriate drain.
	Quantity of storm water:	Rainfall runoff
	Size of SWD:	Not Applicable
Sewage and Waste water	**Sewage generation in KLD:**	Not Applicable
	STP technology:	Not Applicable
	Capacity of STP (CMD):	Not Applicable
	Location & area of the STP:	Not Applicable
	Budgetary allocation (Capital cost):	Not Applicable
	Budgetary allocation (O & M cost):	Not Applicable
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Not Applicable
	Disposal of the construction waste debris:	Not Applicable
Waste generation in the operation Phase:	**Dry waste:**	2,17,676 Cum
	Wet waste:	Nil
	Hazardous waste:	Nil
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Not Applicable
	Others if any:	Not Applicable
Mode of Disposal of waste:	**Dry waste:**	Waste dump material shall be used for backfilled in the mining area .
	Wet waste:	Not Applicable
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Not Applicable
	Others if any:	Not Applicable
Area requirement:	**Location(s):**	Within mining lease area
	Area for the storage of waste & other material:	21.81 Ha area shall be backfilled and used for Plantation.
	Area for machinery:	-
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not Applicable
	O & M cost:	Not Applicable
37.Effluent Charecterestics		

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

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	-	Not Applicable	Not Applicable	Not Applicable
41.Source of Fuel		-		
42.Mode of Transportation of fuel to site		-		

43.Green Belt Development	**Total RG area :**	34.08 Ha
	No of trees to be cut :	-
	Number of trees to be planted :	68160 nos
	List of proposed native trees :	Shikekai, Fanas, Cashew, Mango, Umbar, Karak, Karanj, Sag, Jambhul, etc.
	Timeline for completion of plantation :	Within 5 years from the date of start of mine

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	Acacia concinna	Shikekai	5500	Created to intercept dust, gaseous pollutants and noise
2	Artocarpus heterophyllus	Fanas	8000	Created to intercept dust, gaseous pollutants and noise and Fruits

3	Anacardium occidentale	Cashew	8000	Created to intercept dust, gaseous pollutants and noise and Fruits
4	Mangifera indica	Mango	8000	Created to intercept dust, gaseous pollutants and noise and Fruits
5	Syzygium cumini	Jambhul	8000	Created to intercept dust, gaseous pollutants and noise and Fruits
6	Dendrocalamus strictus	Karak	8000	Created to intercept dust, gaseous pollutants and noise
7	Ficus racemosa	Umbar	5000	Created to intercept dust, gaseous pollutants and noise and Fruits
8	Jasminum malabaricum.	Kusar	5500	Created to intercept dust, gaseous pollutants and noise
9	Tectona grandis	Sag	6000	Created to intercept dust, gaseous pollutants and noise to be used for timber
10	Pongamia pinnata	Karanj	6160	Created to intercept dust, gaseous pollutants and noise
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	Nil	Not Applicable	Not Applicable

47.Energy

Power requirement:	**Source of power supply :**	Maharashtra State Power Distribution Company Limited
	During Construction Phase: (Demand Load)	Not Applicable
	DG set as Power back-up during construction phase	Not Applicable
	During Operation phase (Connected load):	The energy requirement of lights and fans of the Mine Office.
	During Operation phase (Demand load):	-
	Transformer:	Not Required
	DG set as Power back-up during operation phase:	One DG set 45 KVA capacity
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	None

48.Energy saving by non-conventional method:

10 Solar Light poles within mining lease area .

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %

1	-	10 lamps

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air Pollution	-	Black topping of approach road, Water Sprinkling during mining activities
Water Pollution	-	Construction of Garland Drain & Bund
Noise Pollution	-	Preventive Maintenance of all machinery, equipment

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs. 150000/-
	O & M cost:	Rs. 20000/-

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

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

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	Dust Suppression	5	3
2	Water Pollution Control	Desilting Tanks, garland drain, Boulder Check plug, Septic Tanks/Soak Pits, Mine water sedimentation pond & pumps	7	3
3	Pollution Monitoring	Hydrogeological monitoring, Air, Water, Noise Vibration Monitoring	Nil	2
4	Conservation of Natural Resources	Solar Lightening arrangement, Rainwater Harvesting ,Soil preservation (biological reclamation)	3	2
5	Plantation /Reclamation	Biological reclamation, Plantation, Reclamation (Dump)	7	3
6	Occupational Health	Fire Fighting Equipments (portable), Personnel protection equipments (goggles , gloves, helmets, dust mask, safety boots)	3	2

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
Nil	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not Applicable
Parking details:	**Number and area of basement:**	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	Not Applicable
	Area per car:	Not Applicable
	Area per car:	Not Applicable
	Number of 2-Wheelers as approved by competent authority:	Not Applicable
	Number of 4-Wheelers as approved by competent authority:	Not Applicable
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Not Applicable
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	Not Applicable
	Court cases pending if any	Not Applicable
	Other Relevant Informations	-

	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Brief information of the project by SEAC

DECISION OF SEAC

PP requested to postpone the case.

Hence, SEAC-1 decided to defer the proposal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

Subject: Environment Clearance for KIRNAPUR MANGANESE MINE, Area : 2.88 hectare, Proposed production : 16540 TPA at Village : Kirnapur, Taluka : Saoner, District: Nagpur.

Is a Violation Case: No

1.Name of Project	Kirnapur Manganese MIne
2.Type of institution	Private
3.Name of Project Proponent	Deependra Ravindra Nath
4.Name of Consultant	Pollution and Ecology Control Services, Nagpur
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Survey No. 64
9.Taluka	Saoner
10.Village	Kirnapur
Correspondence Name:	Deependra Ravindra Nath
Room Number:	NA
Floor:	NA
Building Name:	58
Road/Street Name:	The Mall Road
Locality:	Cantonment Area, Kamptee, Nagpur (M.S.)
City:	Nagpur
11.Area of the project	Grampanchayat Kirnapur
12.IOD/IOA/Concession/Plan Approval Number	Not Applicable
	IOD/IOA/Concession/Plan Approval Number: Not Applicable
	Approved Built-up Area: 92.903
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	28800 m2
16.Deductions	Not applicable
17.Net Plot area	28800 m2
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.): 92.903
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: 12-07-2018
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	5500000

22.Number of buildings & its configuration

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

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

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Manganese Ore	00	1378	1378

32.Total Water Requirement

Dry season:	**Source of water**	Borewell and Mine Pits
	Fresh water (CMD):	1
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	4 m3/day
	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**	Borewell and Mine Pit
	Fresh water (CMD):	1
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	4 m3/day
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	0	1	1	0	0.2	0.2	00	0.8	0.8
Gardening	0	1	1	0	1	1	0	0	0
Industrial Process	0	2	2	0	2	2	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	2.99 to 8.09 bgl
	Size and no of RWH tank(s) and Quantity:	Garland Drain, Retaining wall shall be provided
	Location of the RWH tank(s):	Abandon Pits shall be used for RWH.
	Quantity of recharge pits:	Not Applicable
	Size of recharge pits :	Not Applicable
	Budgetary allocation (Capital cost) :	NA
	Budgetary allocation (O & M cost) :	NA
	Details of UGT tanks if any :	Not Applicable

35.Storm water drainage	**Natural water drainage pattern:**	NA, However the storm water during rainy season will be systematically channelized to garland drains proposed along the lease boundary
	Quantity of storm water:	NA
	Size of SWD:	NA
Sewage and Waste water	**Sewage generation in KLD:**	0.8
	STP technology:	Septic tank followed by soak pit
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA
	Budgetary allocation (O & M cost):	NA

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	NA
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	**Dry waste:**	204872 m3 upto conceptual period
	Wet waste:	None
	Hazardous waste:	None
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Mode of Disposal of waste:	**Dry waste:**	Reject or overburden will be utilized for back filling of non mineral area which will be biologically stabilized with top soil.
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	**Location(s):**	Non mineral area within mining lease area
	Area for the storage of waste & other material:	1280 Sqm.
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	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		

43.Green Belt Development	**Total RG area :**	33% of total mine lease area
	No of trees to be cut :	Nil
	Number of trees to be planted :	1500
	List of proposed native trees :	Amba, Ashoka, Karanj, Neem, Gulmohar, Amaltas, Arjuna, Shisam, Fig.
	Timeline for completion of plantation :	Upto 3 Years

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	MangiferaIndica	Amba	100	Large, Dense , Evergreen
2	SaracaAsoca	Ashoka	300	Evergreen, small
3	SyzygiumCuminii	Jambhul	100	Semi-deciduous, Medium
4	Azardirachtaindica	Neem	200	Dense , Evergreen
5	DelonixRegia	Gulmohar	200	Deciduous, Large

6	Cassia Fistula	Amaltas	300	Evergreen, small
7	TerminaliaArjuna	Arjuna	100	Semi-deciduous, Medium
8	DalbergiaLatifolia	Shisam	100	Large, Dense , Evergreen
9	FicusBenjamina	Fig	100	Deciduous, Large
45.Total quantity of plants on ground				

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

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

47.Energy

Power requirement:	**Source of power supply :**	Maharashtra State Electricity Distribution Corporation Ltd.
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	NA
	During Operation phase (Demand load):	NA
	Transformer:	NA
	DG set as Power back-up during operation phase:	NA
	Fuel used:	NA
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

NA

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air Pollution Control Equipment	NA	Dust Suppression
Water Pollution Control	NA	Desilting Tanks, garland drain, boulder check plug, septic tanks/soak pits, mine water sedimentation pond

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	NA	NA	NA

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution control	Dust suppression	1.00	1.00
2	Water Pollution Control	Desilting Tanks, garland drain, boulder check plug, septic tanks/soak pits, mine water sedimentation pond & pumps	3.00	0.50
3	Occupational Health	Fire Fighting Equipments (Portable), personnel protection equipments (goggles, gloves, helmets, dust mast, safety boots)	1.00	0.20
4	Green Belt	biological reclamation Plantation, Reclamation (Dump)	2.00	0.50
5	Environmental Monitoring	Air, Noise monitoring water, Soil sample analysis	--	1.5

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

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

Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Mansinghdeo WLS is located at 7.5 Km from the proposed project site. The ESZ of Pench National Park and Mansinghdeo WLS is located at a distance of 5.1 Km from the proposed lease.
	Category as per schedule of EIA Notification sheet	B1
	Court cases pending if any	Nil
	Other Relevant Informations	Application for TOR
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

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

Brief information of the project by SEAC

DECISION OF SEAC

PP remained absent.

Hence, deferred

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

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

SEAC Meeting number: 165th - Day 4 **Meeting Date** May 7, 2019

Subject: Environment Clearance for Proposed 90.0 TPM Pigments & Dye Intermediates Production Plant at Plot No.: F – 19, MIDC Badlapur, Tehsil: Badlapur, District: Thane, Maharashtra by Thakkar Organics Pvt. Ltd.

Is a Violation Case: No

1.Name of Project	Proposed 90.0 TPM Pigments & Dye Intermediates Production Plant at Plot No.: F – 19, MIDC Badlapur, Tehsil: Badlapur, District: Thane, Maharashtra by Thakkar Organics Pvt. Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Amit J. Thakkar /Thakkar Organics Pvt. Ltd.
4.Name of Consultant	Mr. H.K. Desai / Enviro Analysts and Engineers Private Limited.
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Plot No.: F – 19, MIDC Badlapur
9.Taluka	Badlapur, Thane
10.Village	Badlapur
Correspondence Name:	Mr. Amit J Thakkar
Room Number:	Plot No.: F – 19, MIDC Badlapur, Tehsil: Badlapur, District: Thane, Maharashtra
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	NA
City:	Thane
11.Area of the project	MIDC Badlapur
12.IOD/IOA/Concession/Plan Approval Number	MIDC Badlapur Approval
	IOD/IOA/Concession/Plan Approval Number: EE/AMB/D-32877/of 2015
	Approved Built-up Area: 1408.38
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	1449.0 sq.m
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.): 1408.38
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):**
	Approved Non FSI area (sq. m.):
	Date of Approval:
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	40308000

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)	8 m wide MIDC road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Min. 9 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	Fast Red GL Base (Meta Nitro Para Toluidine)	0	10	10
2	Fast Boredeaux GP Base (Meta Nitro Para Anisidine)	0	10	10
3	3,4 Diamino Toluene/122	0	3	3
4	5 Amino 6 Methyl Benzimidazolone	0	5	5
5	2-Amino-N-cyclohexyl-N-methylbenzenesulfonamide	0	5	5
6	4 Amino-N-methylphthalimide	0	5	5
7	2,5-Dichloro Para Phenylene Diamine	0	5	5
8	2,5-Dimethyl Para Phenelyene Diamine	0	5	5
9	3,4 Diamino Anisole	0	2	2
10	2-Heptanol	0	15	15
11	Meta Phenoxy Benzyl Alcohol	0	10	10
12	Dilute Acetic Acid (approx. 15% by Product)	0	3	3
13	Sodium Acetate	0	10	10
14	Sodium Nitrate	0	2	2

32.Total Water Requirement

Dry season:	**Source of water**	MIDC Badlapur
	Fresh water (CMD):	30.9
	Recycled water - Flushing (CMD):	1.1
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	61.0
	Fire fighting - Underground water tank(CMD):	100
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	00
Wet season:	**Source of water**	MIDC Badlapur
	Fresh water (CMD):	16.4
	Recycled water - Flushing (CMD):	1.1
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	58.5
	Fire fighting - Underground water tank(CMD):	100
	Fire fighting - Overhead water tank(CMD):	Not applicable
	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)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	0	1.5	1.5	0	0.3	0.3	0	1.2	1.2
Industrial Process	0	28.0	28.0	0	4.5	4.5	0	23.5	23.5
Cooling tower & thermopack	0	15.0	15.0	0	13.5	13.5	0	1.5	1.5

Cooling tower & thermopack	0	12.0	12.0	0	11.5	11.5	0	0.5	0.5
Industrial Process	0	0.6	0.6	0	0.1	0.1	0	0.5	0.5
Industrial Process	0	1.4	1.4	0	0.4	0.4	0	1.0	1.0
Gardening	0	2.5	2.5	0	2.5	2.5	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	2.3 m
	Size and no of RWH tank(s) and Quantity:	1 nos. of 12 KL
	Location of the RWH tank(s):	underground
	Quantity of recharge pits:	Not proposed
	Size of recharge pits :	Not proposed
	Budgetary allocation (Capital cost) :	1,50,000
	Budgetary allocation (O & M cost) :	20,000 /Annum
	Details of UGT tanks if any :	1. One Number of UGT for RWH. Capacity of the Tank would be 12 KL. 2. One Number of UGT for Fire Water Storage. Capacity of the Tank will be 100 KL.
35.Storm water drainage	**Natural water drainage pattern:**	East from the project site
	Quantity of storm water:	14m3/d
	Size of SWD:	0.5 m x 0.3 m
Sewage and Waste water	**Sewage generation in KLD:**	1.2
	STP technology:	Sewage Generated will be collected in septic tank first and then the overflow of the septic tank will be fed to the aeration tank of the effluent treatment plant of 35 KLD.
	Capacity of STP (CMD):	Not proposed
	Location & area of the STP:	Not proposed
	Budgetary allocation (Capital cost):	NA
	Budgetary allocation (O & M cost):	NA

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Approx. 452 nos. of empty cement bags, 0.1508 MT of steel scrap, 0.3016 MT of aggregate waste, 38 sq.m of broken tiles and 22 nos of Empty paint cans will be generated
	Disposal of the construction waste debris:	Cement bags, steel scrap and paint cans will be sold to recycler whereas aggregates and broken tiles will be reused within site for internal road levelling and terrace china mosaic.
Waste generation in the operation Phase:	**Dry waste:**	Non Hazardous Solid Wastes from this factory will be from office and plant like waste paper, corrugated box, broken glass / plastic noncontaminated.
	Wet waste:	Domestic waste & garden leaves
	Hazardous waste:	2.94 MT/month of process residues and wastes , 3 kg/month of spent catalyst, 45 nos./month of discarded containers, 1000 kg/month of ETP sludge will be generated
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not Applicable
	Others if any:	Fly ash 300 kg/d
Mode of Disposal of waste:	**Dry waste:**	Sweepers / workers will collect such wastes separately (Biodegradable and Non biodegradable) from the source and would store in solid waste collection enclosure (to be located suitably within the project site). These Recyclable Non-biodegradable solid wastes will be sold to prospective buyers.
	Wet waste:	Biodegradable solid waste will be used for composting within the plant premises.
	Hazardous waste:	Process residues & wastes, Spent catalyst and ETP sludge will be disposed to CHWTDF Taloja and Discarded containers will be sold to authorised recyclers after proper decontamination.
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	Fly Ash Will be given to Brick Manufacturers.
Area requirement:	**Location(s):**	NA
	Area for the storage of waste & other material:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Chemical Oxygen demand	ppm	5500-6000	200-150	less than 250
2	Biochemical Oxygen Demand	ppm	600-750	Less then 30	less than 30
3	Total Dissolved Solids	ppm	1800-2000	less than 500	less than 2100
4	Total Suspended Solids	ppm	200-300	Nil	less than 100
5	pH	-	5.5-8	6.5-7	5.5-9

6	Oil and Grease	ppm	50-60	less than 10	less than 10
Amount of effluent generation (CMD):		28.2			
Capacity of the ETP:		35			
Amount of treated effluent recycled :		24.1			
Amount of water send to the CETP:		NIL			
Membership of CETP (if require):		CETP BADLAPUR FOR 24 KLD			
Note on ETP technology to be used		The process & scrubber influent after pre-treatment will be fed to equalization cum pH Adjustment tank. After adjusting the pH, influent will be fed through the Filter to Advance oxidation treatment system. The Advance oxidation process comprises of Ozonation followed by Ultra violet in a plug flow reactor. Most of the organic compounds will be degraded and converted to simpler form in the reactor. The effluent will be collected in pH Neutralizer to attend neutral pH.The advance oxidation treate			
Disposal of the ETP sludge		CHWTSDF, Taloja.			

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Process Residues & wastes	28.1	Mt / Month	0	2.94	2.94	Will be disposed to CHWTSDF, Taloja.
2	Spent Catalyst	28.2	kg / Month	0	3	3	Will be disposed to CHWTSDF, Taloja.
3	Discarded Containers	33.3	Nos. / Month	0	45	45	Will be sold to authorized recycler after proper decontamination.
4	ETP Sludge	34.3	kg / Month	0	1000	1000	Will be disposed to CHWTSDF, Taloja.

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	Coal 156.25 kg/hr	1	30	0.55	90
2	DG set	HSD 12 Kg/hr	1	11	0.2	40

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal	0	2.5 TPD	2.5TPD
2	HSD	0	750 l/month	750 l/month
41.Source of Fuel		Local		
42.Mode of Transportation of fuel to site		Road transport		

43.Green Belt Development	**Total RG area :**	476.45 m2
	No of trees to be cut :	0
	Number of trees to be planted :	50
	List of proposed native trees :	Azadirachta indica, Cassia fistula,Ficus benghalensis,Saraca asoka
	Timeline for completion of plantation :	Before operation of plant

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	20	Medicinal
2	Cassia fistula	Golden shower	10	pollution tollerant
3	Ficus benghalensis	Bargad	5	Evergreen
4	Saraca asoka	Ashoka	15	evergreen
45.Total quantity of plants on ground				

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

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

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	100 kVA
	DG set as Power back-up during construction phase	125 kVA
	During Operation phase (Connected load):	NA
	During Operation phase (Demand load):	200 kVA
	Transformer:	NA
	DG set as Power back-up during operation phase:	125 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

? Energy efficient LED will be used which have higher output. 100%ofexternal landscaped street lights will be LED only.
? Power factor will be maintained ~0.99 with the capacitor banks. All capacitors will beprovided with Harmonic Filters to avoid distortion in Voltage i.e. Clean Power will beavailable.
? External lighting will be automatically controlled using timer contactor at external lighting panel.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Boiler emission	NA	Double Cyclone Separator and Bag Filter
Process emission	NA	Srubber
Domestic and industrial waste Water	NA	ETP with tertiary treatment

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	Air Monitoring	PM, SO2, NOx, CO	1.25
2	Noise Monitoring	Daytime and Nightime dB(A)	0.5
3	EHS	Worker Health checkup	1.0

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	Bag filter and dual cyclone seperator	14	2.1
2	Water Pollution Control	ETP	95.75	19.15
3	Environment Monitoring and Management	Ambient monitoring	10	1
4	Occupational Health	Worker Health checkup	2.0	0.5
5	Green Belt	Tree plantation	2.0	0.6
6	Solid Waste Management	Hazardous waste management and disposal	10.0	2

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
Acetic Acid	liquid	Hazardous storage area	16	16	16	Local	road transport
Acetic Anhydride	liquid	Hazardous storage area	5	5	5	Local	road transport
Caustic soda	liquid	Hazardous storage area	10	10	10	Local	road transport
Ethyl Acetate	liquid	Hazardous storage area	10	10	10	Local	road transport
Toulene	liquid	Hazardous storage area	5	5	5	Local	road transport
hydrogen gas	gas	Hazardous storage area	1060 m3	1060 m3	1060 m3	Local	road transport
Nitric Acid	liquid	Hazardous storage area	10	10	10	Local	road transport

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	173.9 m2
	Area per car:	28
	Area per car:	28
	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):	Min 6 m
	CRZ/ RRZ clearance obtain, if any:	NA

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	30 km
	Category as per schedule of EIA Notification sheet	5f
	Court cases pending if any	No
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Brief information of the project by SEAC

DECISION OF SEAC

PP vide letter dated 26.04.2019 requested to delist the proposal.

Hence, SEAC-1 decided to delist the proposal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

Subject: Environment Clearance for Environmental Clearance for Category B2 Project

Is a Violation Case: No

1.Name of Project	M/s. Shyam Sunder Stone Industries
2.Type of institution	Private
3.Name of Project Proponent	Mr. Vipulkumar Pravinchandra Savla
4.Name of Consultant	M/s. Goldfinch Engineering Systems Pvt. Ltd.
5.Type of project	B2 Category Non Coal Mining Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Forest Survey No.177 , Part
9.Taluka	Ambernath
10.Village	Chikhloli
Correspondence Name:	Mr. Vipulkumar Pravinchandra Savla
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	Kalyan-Badlapur Roiad
Locality:	Chikhloli, Ambernath (West)
City:	Thane
11.Area of the project	Other Area
12.IOD/IOA/Concession/Plan Approval Number	Not Applicable as it is a B2 category Non Coal Mining Project
	IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval Number: ML/PL/487/III/2017/950
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	1) NOC from Thane Forest Division 2) Approved Mining Plan from Deputy Director, Directorate of Geology & Mining Kolhapur, Govt. of Maharashtra
15.Total Plot Area (sq. m.)	1.0050 Ha
16.Deductions	Not Applicable as it is a B2 category Non Coal Mining Project
17.Net Plot area	1.0050 Ha
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not Applicable as it is a B2 category Non Coal Mining Project
	b) Non FSI area (sq. m.): Not Applicable as it is a B2 category Non Coal Mining Project
	c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not Applicable as it is a B2 category Non Coal Mining Project
	Approved Non FSI area (sq. m.): Not Applicable as it is a B2 category Non Coal Mining Project
	Date of Approval: 08-09-2017
19.Total ground coverage (m2)	Not Applicable as it is a B2 category Non Coal Mining Project
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not Applicable as it is a B2 category Non Coal Mining Project
21.Estimated cost of the project	2500000

22.Number of buildings & its configuration

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

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

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Basalt Rock	0	1250	1250

32.Total Water Requirement

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

Wet season:	**Source of water**	Not applicable
	Fresh water (CMD):	5.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	5.0
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not Applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	0	1.0	1.0	0	0.5	0.5	0	0.5	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	0.5 - 14 m bgl
	Size and no of RWH tank(s) and Quantity:	Not Applicable as it is a B2 category Non Coal Mining Project
	Location of the RWH tank(s):	Not Applicable as it is a B2 category Non Coal Mining Project
	Quantity of recharge pits:	Not Applicable as it is a B2 category Non Coal Mining Project
	Size of recharge pits :	Not Applicable as it is a B2 category Non Coal Mining Project
	Budgetary allocation (Capital cost) :	Not Applicable as it is a B2 category Non Coal Mining Project
	Budgetary allocation (O & M cost) :	Not Applicable as it is a B2 category Non Coal Mining Project
	Details of UGT tanks if any :	Not Applicable as it is a B2 category Non Coal Mining Project

35.Storm water drainage	**Natural water drainage pattern:**	Garland Drainage
	Quantity of storm water:	18 mm/d
	Size of SWD:	A garland of 7.5 m of barrier will be maintained

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

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Overburden Soil or Morrum
	Disposal of the construction waste debris:	Overburden soil or Morrum will be used for plantation
Waste generation in the operation Phase:	**Dry waste:**	Not Applicable as it is a B2 category Non Coal Mining Project
	Wet waste:	Not Applicable as it is a B2 category Non Coal Mining Project
	Hazardous waste:	Not Applicable as it is a B2 category Non Coal Mining Project
	Biomedical waste (If applicable):	Not Applicable as it is a B2 category Non Coal Mining Project
	STP Sludge (Dry sludge):	Not Applicable as it is a B2 category Non Coal Mining Project
	Others if any:	Morrum, weathered basalt
Mode of Disposal of waste:	**Dry waste:**	Not Applicable as it is a B2 category Non Coal Mining Project
	Wet waste:	Not Applicable as it is a B2 category Non Coal Mining Project
	Hazardous waste:	Not Applicable as it is a B2 category Non Coal Mining Project
	Biomedical waste (If applicable):	Not Applicable as it is a B2 category Non Coal Mining Project
	STP Sludge (Dry sludge):	Not Applicable as it is a B2 category Non Coal Mining Project
	Others if any:	Top Soil or Morrum, weathered basalt is used for making roads, development of infrastructure, filling for landscaping
Area requirement:	**Location(s):**	Forest Survey No.177 , Part
	Area for the storage of waste & other material:	Not Applicable
	Area for machinery:	0.32 Ha
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not Applicable
	O & M cost:	Not Applicable

37.Effluent Charecterestics

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

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

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not Applicable as it is a B2 category Non Coal Mining Project	NA	NA	NA	NA	NA

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not Applicable as it is a B2 category Non Coal Mining Project	NA	NA	NA
41.Source of Fuel		Quarrying Operation will be performed in day time only hence does not require High Tension Electric Power Supply		
42.Mode of Transportation of fuel to site		NA		

43.Green Belt Development	**Total RG area :**	As per Mining Plan
	No of trees to be cut :	NA
	Number of trees to be planted :	132
	List of proposed native trees :	As per MPCB Guidelines
	Timeline for completion of plantation :	As per MPCB Guidelines

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Pongamia pinnnata	Karanja	28	Indigenous species
2	Azadirachta indica	Neem	37	Indigenous species, medicinal value
3	Tamarindus indica	Tamarind	35	Indigenous species, medicinal value

4	Accacia nilotica	Babul	32	Indigenous species
45.Total quantity of plants on ground				

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

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

47.Energy

Power requirement:	**Source of power supply :**	Maharashtra State Electricity Distribution Corporation Ltd. (MSEDCL)
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	NA
	During Operation phase (Demand load):	NA
	Transformer:	MSEDCL
	DG set as Power back-up during operation phase:	NA
	Fuel used:	NA
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

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

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

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

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Pollution	SPM	1.5 lakhs

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Dust, SPM	Dust and SPM generated in minor quantity .Water sprinklers will be used for dust suppression	3.5	0.7

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not Applicable as it is a B2 category Non Coal Mining Project
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park at 38 km in North West direction
	Category as per schedule of EIA Notification sheet	1(a)
	Court cases pending if any	No
	Other Relevant Informations	No
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Brief information of the project by SEAC

PP submitted their applocation for prior Environment Clearance under category 1(a)B2 of the EIA Notification,2006 , as amended from time to time for the stone quarry having area of 1.00 ha at Chikhloli S. No. 177 , Taluka Ambernath, District Thane.

DECISION OF SEAC

During deliberations, it was observed that, PP has not submitted District Survey Report (DSR) along with the proposal.

In view of above, SEAC-1 decided to defer the proposal till submission of all requisite documents. Concerned District Mining Office shall remain present at the time of appraisal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

Subject: Environment Clearance for Category B2 Project

Is a Violation Case: No

1.Name of Project	M/s. Sai Sahara Enterprises Stone Crusher & Construction
2.Type of institution	Private
3.Name of Project Proponent	Mr. Ankush Chandrabhan Rokade
4.Name of Consultant	M/s. Goldfinch Engineering Systems Pvt. Ltd.
5.Type of project	B2 Category Non Coal Mining Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Gat No. 408
9.Taluka	Parner
10.Village	Raytale
Correspondence Name:	Mr. Ankush Chandrabhan Rokade
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	Raytale, Parner
City:	Ahmednagar
11.Area of the project	Other Area
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval Number: No.STC-05(Mining Plan)/2018 301
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Approved Mining Plan from Deputy Director, Directorate of Geology & Mining Aurangabad, Govt. of Maharashtra
15.Total Plot Area (sq. m.)	1.90 Ha
16.Deductions	Not applicable as it is a B2 category Non Coal Mining Project
17.Net Plot area	1.90 Ha
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable as it is a B2 category Non Coal Mining Project
	b) Non FSI area (sq. m.): Not applicable as it is a B2 category Non Coal Mining Project
	c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable as it is a B2 category Non Coal Mining Project
	Approved Non FSI area (sq. m.): Not applicable as it is a B2 category Non Coal Mining Project
	Date of Approval: 04-05-2018
19.Total ground coverage (m2)	Not applicable as it is a B2 category Non Coal Mining Project
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable as it is a B2 category Non Coal Mining Project
21.Estimated cost of the project	4900000

22.Number of buildings & its configuration

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

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

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Basalt rock	0	5803	5803

32.Total Water Requirement

Dry season:	**Source of water**	Not applicable
	Fresh water (CMD):	7.5
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	7.5
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable

Wet season:	**Source of water**	Not applicable
	Fresh water (CMD):	6.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	6.0
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable as it is a B2 category Non Coal Mining Project	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	1.0	1.0	0	0.5	0.5	0	0.5	0.5

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

35.Storm water drainage	**Natural water drainage pattern:**	Garland Drainage
	Quantity of storm water:	8.5 mm/d
	Size of SWD:	A garland of 7.5 m of barrier will be maintained

Sewage and Waste water	**Sewage generation in KLD:**	0.5
	STP technology:	Soak Pits
	Capacity of STP (CMD):	0.5
	Location & area of the STP:	Not Applicable
	Budgetary allocation (Capital cost):	3.5 Lakhs
	Budgetary allocation (O & M cost):	Not Applicable

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Overburden Soil or Morrum
	Disposal of the construction waste debris:	Overburden soil or Morrum will be used for plantation
Waste generation in the operation Phase:	**Dry waste:**	Not applicable as it is a B2 category Non Coal Mining Project
	Wet waste:	Not applicable as it is a B2 category Non Coal Mining Project
	Hazardous waste:	Not applicable as it is a B2 category Non Coal Mining Project
	Biomedical waste (If applicable):	Not applicable as it is a B2 category Non Coal Mining Project
	STP Sludge (Dry sludge):	Not applicable as it is a B2 category Non Coal Mining Project
	Others if any:	Morrum, weathered basalt
Mode of Disposal of waste:	**Dry waste:**	Not applicable as it is a B2 category Non Coal Mining Project
	Wet waste:	Not applicable as it is a B2 category Non Coal Mining Project
	Hazardous waste:	Not applicable as it is a B2 category Non Coal Mining Project
	Biomedical waste (If applicable):	Not applicable as it is a B2 category Non Coal Mining Project
	STP Sludge (Dry sludge):	Not applicable as it is a B2 category Non Coal Mining Project
	Others if any:	Top Soil or Morrum, weathered basalt is used for making roads, development of infrastructure, filling for landscaping
Area requirement:	**Location(s):**	Gut No. 408
	Area for the storage of waste & other material:	Not applicable
	Area for machinery:	Not applicable
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not applicable
	O & M cost:	Not applicable

37.Effluent Charecterestics

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

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

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable as it is a B2 category Non Coal Mining Project	NA	NA	NA	NA	NA

40.Details of Fuel to be used

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

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

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

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

45.Total quantity of plants on ground	

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

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

47.Energy

Power requirement:	**Source of power supply :**	Maharashtra State Electricity Distribution Corporation Ltd. (MSEDCL)
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	NA
	During Operation phase (Demand load):	NA
	Transformer:	MSEDCL
	DG set as Power back-up during operation phase:	NA
	Fuel used:	NA
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

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

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

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

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	NA	NA	NA

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Dust, SPM	Dust and SPM generated in minor quantity .Water sprinklers will be used for dust suppression	4.5	0.9

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not Applicable as it is a B2 category Non Coal Mining Project
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not any within 15 km radius of proposed project area

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

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Brief information of the project by SEAC

PP submitted their applocation for prior Environment Clearance under category 1(a)B2 of the EIA Notification,2006 , as amended from time to time for the stone quarry having area of 1.90 ha at RaytaleGut. No. 408 , Taluka Parner, District Ahmednagar.

DECISION OF SEAC

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

• PP also to submit following documents for verification at the time appraisal,

• Copy of latest 7/12 extract.

• Certificate from Chartered Accountant to ensure exact estimated project cost including land, plant and machineries with their numbers and include the same in the Consolidated Statement.

• Revised Environmental Management Plan (EMP) with bifurcation of activities and costs. PP also to submit commitment from PP for the implementation of EMP.

• Progressive mine closure plan approved by competent Authority.

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

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

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

SEAC Meeting number: 165th - Day 4 **Meeting Date** May 7, 2019

Subject: Environment Clearance for Category B2 Project

Is a Violation Case: No

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

22.Number of buildings & its configuration

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

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

31.Production Details

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

32.Total Water Requirement

Dry season:	**Source of water**	Not applicable
	Fresh water (CMD):	6.5
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	6.5
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable

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

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	0	1.0	1.0	0	0.5	0.5	0	0.5	0.5

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

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

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

36.Solid waste Management

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

37.Effluent Charecterestics

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

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

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not Applicable as it is a B2 category Non Coal Mining Project	NA	NA	NA	NA	NA

40.Details of Fuel to be used

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

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

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

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

45.Total quantity of plants on ground	

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

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

47.Energy

Power requirement:	**Source of power supply :**	Maharashtra State Electricity Distribution Corporation Ltd. (MSEDCL)
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	NA
	During Operation phase (Demand load):	NA
	Transformer:	MSEDCL
	DG set as Power back-up during operation phase:	NA
	Fuel used:	NA
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

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

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

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

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	NA	NA	NA

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Dust, SPM	Dust and SPM generated in minor quantity .Water sprinklers will be used for dust suppression	4.5	0.9

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

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

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

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Brief information of the project by SEAC

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

DECISION OF SEAC

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

•

• PP also to submit following documents for verification at the time appraisal,

1. Copy of latest 7/12 extract.

2. Certificate from Chartered Accountant to ensure exact estimated project cost including land, plant and machineries with their numbers and include the same in the Consolidated Statement.

3. Revised Environmental Management Plan (EMP) with bifurcation of activities and costs. PP also to submit commitment from PP for the implementation of EMP.

4. Progressive mine closure plan approved by competent Authority.

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

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

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

SEAC Meeting number: 165th - Day 4 **Meeting Date** May 7, 2019

Subject: Environment Clearance for Environmental Clearance for proposed production capacity enhancement of Sai Fertilizers & Phosphates Pvt. Ltd.

Is a Violation Case: No

1.Name of Project	M/s Sai Fertilizers & Phosphates Pvt. Ltd.
2.Type of institution	TOR
3.Name of Project Proponent	Mr. Sanjeev Fogla
4.Name of Consultant	M/s Sadekar Enviro Engineers Pvt. Ltd.
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	Yes; EC letter No. SEAC-2013/CR-197/TC-2 dated 24th March'15
8.Location of the project	Plot no. N-45
9.Taluka	Ambarnath
10.Village	Ambarnath
Correspondence Name:	Mr. Sarad Gupta
Room Number:	--
Floor:	--
Building Name:	Plot No N-45
Road/Street Name:	Anand Nagar
Locality:	Additional MIDC
City:	Ambarnath (East)
11.Area of the project	Maharashtra Industrial Corporation Development
12.IOD/IOA/Concession/Plan Approval Number	Comes under Judiciary of Notified MIDC
	IOD/IOA/Concession/Plan Approval Number: EE/AMB/N-45/D-89213 date 11th Dec'17
	Approved Built-up Area: 9209.48
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	16680
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.): 9209.48
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 9209.48
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 11-12-2017
19.Total ground coverage (m2)	6657.29
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	40%
21.Estimated cost of the project	95000000

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)	Ambarnath Fire Station (6m)
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Radius - 9m Road Width - 6m
29.Existing structure (s) if any	As Per MIDC Approval
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	LABSA (Liner Alkyl Benzene Sulphonates)	2,162	10,438	12,600
2	SLES (Sodium Lauryl Ether Sulphate)	470.4	8,229.6	8,700
3	AOS (Alfa Olefin Sulphonate)	912	4,488	5,400
4	SLS (Sodium Lauryl Sulphate)	678	5,622	6,300
5	Ethylene Glycol Monostearate (EGMS) / Ethylene Glycol Distearate (EGDS) / Coco Mono Ethanol Amide (CMEA) / Coco Di ethanol Amide (CDEA)	0	750	750
6	By Products	--	--	--
7	Sodium Sulphate	427	90	517
8	Sulphuric Acid (Black)	25	7,805	7,830

32.Total Water Requirement

Dry season:	**Source of water**	MIDC
	Fresh water (CMD):	607
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	607
	Fire fighting - Underground water tank(CMD):	225
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	**Source of water**	MIDC
	Fresh water (CMD):	567
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	567
	Fire fighting - Underground water tank(CMD):	225
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	5.0	2.0	7.0	1.0	0.4	1.4	4.0	1.6	5.6
Industrial Process	197.0	60.0	257.0	--	--	--	21.0	00	21.0
Cooling tower & thermopack	193.0	110.0	303.0	144.2	41.1	185.3	18.8	18.9	37.7
Gardening	40.0	--	40.0	40.0	--	40.0	--	--	--

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	8m bgl
	Size and no of RWH tank(s) and Quantity:	Not applicable; Rainwater will be used as Cooling Tower feed water
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	Not applicable
	Size of recharge pits :	Not applicable
	Budgetary allocation (Capital cost) :	Not applicable
	Budgetary allocation (O & M cost) :	Not applicable
	Details of UGT tanks if any :	Domestic UG tank Capacity: 610m3/day Firefighting: 225m3/day
35.Storm water drainage	**Natural water drainage pattern:**	South East to North West
	Quantity of storm water:	16.10 m3/hr
	Size of SWD:	450 mm
Sewage and Waste water	**Sewage generation in KLD:**	5.60 m3/day
	STP technology:	Septic tank and taken to soak pit
	Capacity of STP (CMD):	Not applicable
	Location & area of the STP:	Not applicable
	Budgetary allocation (Capital cost):	Not applicable
	Budgetary allocation (O & M cost):	Not applicable
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Not applicable
	Disposal of the construction waste debris:	Not applicable
Waste generation in the operation Phase:	**Dry waste:**	Not applicable
	Wet waste:	Not applicable
	Hazardous waste:	MEE Residue (8.95T/M); ETP Sludge (0.83T/M); Empty Drums, Carboys, Containers (70No./A)
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable

Mode of Disposal of waste:	**Dry waste:**	Not applicable
	Wet waste:	Not applicable
	Hazardous waste:	CHWTSDF, Taloja or co-processing to Cement industry; Sale to authorized party approved by MPCB
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable
Area requirement:	**Location(s):**	Back side of Plant
	Area for the storage of waste & other material:	10 m2
	Area for machinery:	Not applicable
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not applicable
	O & M cost:	Not applicable

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	--	5-7	6.5-7.5	6.5-8.0
2	TDS	mg/l	750-1,000	20-30	<100
3	TSS	mg/l	300-400	40-50	<100
4	BOD	mg/l	700-800	50-60	<100
5	COD	mg/l	1,800-2,000	150-180	<250
6	O & G	mg/l	Traces	Nil	--

Amount of effluent generation (CMD):	64.30 m3/day
Capacity of the ETP:	50 m3/day
Amount of treated effluent recycled :	61.79 m3/day
Amount of water send to the CETP:	Not applicable
Membership of CETP (if require):	Not applicable
Note on ETP technology to be used	Conventional ETP having Primary, Secondary, Tertiary; MEE, RO
Disposal of the ETP sludge	CHWTSDF, Taloja

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	MEE Residue	37.3	T/M	--	8.95	8.95	CHWTSDF / Co-Processing to Cement Industry
2	ETP Sludge	35.3	T/M	0.55	0.28	0.83	CHWTSDF
3	Empty Drums, Carboys, Containers	--	No/A	20	50	70	Recycle through MPCB Authorized Vendor

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	Process (Alkali Scrubber)	NA	2	31	0.600	30
2	Boiler (2TPH)	Coal	2	30	0.450	180
3	DG (500kVA)	HSD	3	10	0.300	40
4	Spray Dryer	FO	2	30	0.600	60

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal	6T/day	6T/day	12T/day
2	HSD	70 l/hr	140 l/hr	210 l/hr
3	Furnace Oil	--	166kg/hr	166kg/hr
41.Source of Fuel		Local Purchase		
42.Mode of Transportation of fuel to site		By Road		

43.Green Belt Development	**Total RG area :**	5,410.05 m2
	No of trees to be cut :	0
	Number of trees to be planted :	250
	List of proposed native trees :	Cassia fistula; Bombax ceiba; Asltonia shcolaris; Macaranga peltata; Schleichera oleosa
	Timeline for completion of plantation :	Project Completion

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	Cassia fistula	Bahava	50	Native tree of forest tracts of Sahyadri ranges having flowers attracting bees and butterflies
2	Bombaxceiba	Sawar	50	A native deciduous tree with fragrant flowers attracting large number of birds & insects
3	Asltoniashcolaris	Saptaparni	50	A native evergreen tree with fragrant flowers & leaves having comparatively higher dust settling index
4	Macarangapeltata	Chandwar	50	A native tree found in abundance across the plains of Sahyadri ranges
5	Schleicheraoleosa	Kusum	50	A native deciduous trees of forest tracts of Sahyadri ranges
45.Total quantity of plants on ground				

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

Serial Number	Name	C/C Distance	Area m2

1	Not applicable	Not applicable	Not applicable

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	Not applicable
	DG set as Power back-up during construction phase	Not applicable
	During Operation phase (Connected load):	Existing– 1500 kVA, Proposed – 1000 kVA ,Total – 2500 kVA
	During Operation phase (Demand load):	Existing– 1250 kVA, Proposed – 600 kVA, Total – 1850 kVA
	Transformer:	2500kVA x 1no
	DG set as Power back-up during operation phase:	Existing – 500 kVA x 1 no Proposed – 500 kVA x 2 no
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not applicable

48.Energy saving by non-conventional method:

Not applicable

49.Detail calculations & % of saving:

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

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
ETP	Conventional ETP (50m3/day); Sewage passed through Septic Tank and taken to aeration of ETP	MEE (20m3/day) and RO (65m3/day)
DG Set	Stack (500 kVA x 1 no) ht - 10m above ground	Stack (500 kVA x 2 no) ht - 10 m above ground
Boiler (Coal Fired)	Steam Boiler (2TPH x 1 no) Stack (ht - 30m)	Steam Boiler (2TPH x 1 no) Stack (ht - 30m)
Process Scrubber	Acidic scrubber (stack ht - 31m)	Acidic scrubber (stack ht - 31m)
Spray Dryer	--	Stack (30m x 2no)

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

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

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air	ESP, Scrubber, Bag Filter, Cyclone Separator, DG stack	148.00	15.00
2	Water	Septic Tank, ETP, MEE-ATFD, RO	62.75	15.00
3	Noise	DG with acoustic enclosure, enclosure for process air blower, PPE's	35.00	5.00
4	Occupational Health	PPE, health checkups, camps, first aid kit	5.00	5.00
5	Green Belt	Plantation	24.50	5.00
6	Solid Waste	Solid waste (hazardous &non hazardous) handling, & disposal	5.00	1.72

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
LAB (Liner Alkyl Benzene)	Liquid	Raw Material Storage Yard	2350	2200	8,880	Import/ Local Purchase	By Ship/ Road
AO (Alfa Olefin)	Liquid	Raw Material Storage Yard	940	900	1,470	Import/ Local Purchase	By Ship/ Road
LA (Lajuryl Alcohol)	Liquid	Raw Material Storage Yard	200	160	1,200	Import/ Local Purchase	By Ship/ Road
ELA(Ethoxylated Lauryl Alcohol)	Liquid	Raw Material Storage Yard	450	400	1,890	Import/ Local Purchase	By Ship/ Road
Ethylene Glycol, Coco fatty acid Coconut oil (70%)	Liquid	Raw Material Storage Yard	40	35	390	Import/ Local Purchase	By Ship/ Road
Stearic Acid/ PTSA/ MEA/ DEA/ Pot. Carbonate	Liquid	Raw Material Storage Yard	40	35	420	Import/ Local Purchase	By Ship/ Road
Sulphuric Acid 98%	Liquid	Raw Material Storage Yard	970	900	8,460	ILocal Purchase	By Road
NaoH (Caustic Soda Lye)	Liquid	Raw Material Storage Yard	200	180	668	Local Purchase	By Road
Sulphur	Solid/ Liquid	Sulphur Storage Yard	400	350	630	Local Purchase	By Road

52.Any Other Information		
No Information Available		
53.Traffic Management		
	Nos. of the junction to the main road & design of confluence:	Project will confluent on 25m wide road
Parking details:	**Number and area of basement:**	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	1,660m2
	Area per car:	2.5m x 2.0m
	Area per car:	2.5m x 2.0m
	Number of 2-Wheelers as approved by competent authority:	--
	Number of 4-Wheelers as approved by competent authority:	--
	Public Transport:	Auto, Truck plaza available within MIDC area.
	Width of all Internal roads (m):	6m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	5(f) B1
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to time. PP proposes Zero Liquid Discharge, PP proposes scrubber to the process vents . As per data submitted by the PP in the EIA report environmental parameters are found within the prescribed limits at site.
Water Budget	PP submitted water budget calculations in the EIA report and also indicated water requirement at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	PP proposes Zero Liquid Discharge effluent treatment plant.
Drainage pattern of the project	PP considered contour levels during design of storm water drains.
Ground water parameters	As per data submitted by PP ground water parameters are within the prescribed limits at project site.
Solid Waste Management	PP committed to dispose the hazardous waste at Common Hazardous Waste Treatment, Storage, and Disposal Facility and sale to Authorized vendors. Details are given at Sr. No. 38 of the Consolidated Statement.
Air Quality & Noise Level issues	As per data submitted by PP Air Quality and Noise parameters are within the prescribed limits at project site.
Energy Management	The electrical demand for proposed project is 1850 kVA which will be supplied by MSEDCL. PP proposes two numbers of 500 KVA DG Sets.
Traffic circulation system and risk assessment	PP proposes internal roads with minimum six meter width and nine meters of turning radius for smooth circulation of traffic.
Landscape Plan	PP provided 33% green belt within the premises.
Disaster management system and risk assessment	PP carried out HAZOP and Risk Assessment and submitted DMP.
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.
Environmental Management Plan	PP proposes Rs. 280.25 Lakhs as capital cost and Rs. 46.70 Lakhs and recurring cost for the maintenance of environmental parameters during operation phase.
Any other issues related to environmental sustainability	PP has obtained earlier EC vide No. SEAC-2013/CR-197/TC-2 dated 24.03.2015; PP to submit certified copy of compliance of earlier EC from Regional Office of MoEF&CC, Nagpur as per OM issued by MoEF&CC on 07/09/2017

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 5(f)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF& CC published in April, 2015 in the 157th meeting of SEAC-1 held on 03.11.2018 wherein ToR was granted to the PP for the preparation of EIA/EMP report along with following additional ToR pints,

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

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

3. PP to 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.

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

5. PP to submit an undertaking for not violating any requirement of EIA Notification, 2006

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

7. PP to submit hazardous chemical handling protocol.

8. PP to submit design details of storm water drains and rain water harvesting plan.

9. PP to include detailed water balance calculations in the EIA report along with generation of waste water and its treatment and dispsoal plan.

10. PP to use new and renewable energy for the illumination of common areas, office buildings, street lights, parkign areas wtc.

11. PP to submit their plan for the implementation of the CER funds as per Om issued by MoEF&CC on 01.05.2018.

12. PP to provide lightening arrestor.

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 the EIA/EMP report for appraisal.

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP has obtained earlier EC vide No. SEAC-2013/CR-197/TC-2 dated 24.03.2015; PP to submit certified copy of compliance of earlier EC from Regional Office of MoEF&CC, Nagpur as per OM issued by MoEF&CC on 07/09/2017
2) PP to ensure to implement the use of Forced Sparge Mixing reactor in this expansion to reduce the impact of identified Global Warming Potential.
3) PP to submit certified compliance of the conditions stipulated in the Consent to Operate from Maharashtra Pollution Control Board.
4) PP to explore possibility of use briquettes instead of coal as a fuel to boiler.

FINAL RECOMMENDATION

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

SEAC Meeting number: 165th - Day 4 **Meeting Date** May 7, 2019

Subject: Environment Clearance for Category B2 Project

Is a Violation Case: No

1.Name of Project	M/s. Shreyas D. Dare
2.Type of institution	Private
3.Name of Project Proponent	Mr. Shreyas Deepak Dare
4.Name of Consultant	M/s. Goldfinch Engineering Systems Pvt. Ltd.
5.Type of project	B2 Category Non Coal Mining Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Survey No.257/2A & 258/1/2/A
9.Taluka	Ahmednagar
10.Village	Dehre
Correspondence Name:	Mr. Shreyas Deepak Dare
Room Number:	Not Applicable
Floor:	Not Applicable
Building Name:	Deepak Niwas, Sanmitra Colony
Road/Street Name:	Savedi Road
Locality:	Ahmednagar
City:	Ahmednagar
11.Area of the project	Other Area
12.IOD/IOA/Concession/Plan Approval Number	Not Applicable B2 Category Non Coal Mining Project
	IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval Number: STC-06(mining Plan)/2019/85
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Approved Mining Plan from Deputy Director, Directorate of Geology & Mining Aurangabad, Govt. of Maharashtra
15.Total Plot Area (sq. m.)	3.22 ha
16.Deductions	Not Applicable B2 Category Non Coal Mining Project
17.Net Plot area	3.22 ha
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not Applicable B2 Category Non Coal Mining Project
	b) Non FSI area (sq. m.): Not Applicable B2 Category Non Coal Mining Project
	c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not Applicable B2 Category Non Coal Mining Project
	Approved Non FSI area (sq. m.): Not Applicable B2 Category Non Coal Mining Project
	Date of Approval: 08-02-2019
19.Total ground coverage (m2)	Not Applicable B2 Category Non Coal Mining Project
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not Applicable B2 Category Non Coal Mining Project
21.Estimated cost of the project	3312300

22.Number of buildings & its configuration

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

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

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Basalt Rock	0	10159	10159

32.Total Water Requirement

Dry season:	**Source of water**	Tanker Water
	Fresh water (CMD):	8
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	8
	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**	Tanker Water
	Fresh water (CMD):	6
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	6
	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 B2 Category Non Coal Mining Project	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	1.0	1.0	0	0.5	0.5	0	0.5	0.5

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

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

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

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Overburden Soil or Morrum
	Disposal of the construction waste debris:	Overburden soil or Morrum will be used for plantation
Waste generation in the operation Phase:	**Dry waste:**	Not Applicable as it is a B2 category Non Coal Mining Project
	Wet waste:	Not Applicable as it is a B2 category Non Coal Mining Project
	Hazardous waste:	Not Applicable as it is a B2 category Non Coal Mining Project
	Biomedical waste (If applicable):	Not Applicable as it is a B2 category Non Coal Mining Project
	STP Sludge (Dry sludge):	Not Applicable as it is a B2 category Non Coal Mining Project
	Others if any:	Morrum, weathered basalt
Mode of Disposal of waste:	**Dry waste:**	Not Applicable as it is a B2 category Non Coal Mining Project
	Wet waste:	Not Applicable as it is a B2 category Non Coal Mining Project
	Hazardous waste:	Not Applicable as it is a B2 category Non Coal Mining Project
	Biomedical waste (If applicable):	Not Applicable as it is a B2 category Non Coal Mining Project
	STP Sludge (Dry sludge):	Not Applicable as it is a B2 category Non Coal Mining Project
	Others if any:	Top Soil or Morrum, weathered basalt is used for making roads, development of infrastructure, filling for landscaping
Area requirement:	**Location(s):**	Gat no. 257/2/A & 258/1/2/A
	Area for the storage of waste & other material:	Not Applicable as it is a B2 category Non Coal Mining Project
	Area for machinery:	Not Applicable as it is a B2 category Non Coal Mining Project
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not Applicable as it is a B2 category Non Coal Mining Project
	O & M cost:	Not Applicable as it is a B2 category Non Coal Mining Project

37.Effluent Charecterestics

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

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

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not Applicable as it is a B2 category Non Coal Mining Project	NA	NA	NA	NA	NA

40.Details of Fuel to be used

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

43.Green Belt Development	**Total RG area :**	As Per Mining Plan
	No of trees to be cut :	Not Applicable
	Number of trees to be planted :	500
	List of proposed native trees :	As Per MPCB Guidelines
	Timeline for completion of plantation :	As Per MPCB Guidlines

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Pongamia pinnata	Karanja	200	Indigenous Species
2	Azadirachta indica	Neem	200	Indigenous Species, Medicinal Value
3	Tamarindus indica	Tamarind	50	Indigenous Species, Medicinal Value
4	Accacia nilotica	Babul	50	Indigenous Species

45.Total quantity of plants on ground	

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

Serial Number	Name	C/C Distance	Area m2
1	Not Applicable as it is a B2 category Non Coal Mining Project	NA	NA

47.Energy

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

48.Energy saving by non-conventional method:

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

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

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

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)

1	NA	NA	NA

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Dust, SPM	Dust and SPM generated in minor quantity .Water sprinklers will be used for dust suppression	5	1

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not Applicable as it is a B2 category Non Coal Mining Project
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Rehekuri Blakbuck Sanctuary is approx. 78.80 km in South
	Category as per schedule of EIA Notification sheet	1 (a)
	Court cases pending if any	No
	Other Relevant Informations	No
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Brief information of the project by SEAC

PP submitted their 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 3.22 ha. at Dehre Survey No. 257/2A, 258/1/2/A , Taluka Ahemdnagar, District Ahmednagar.

DECISION OF SEAC

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

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

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

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

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

SEAC Meeting number: 165th - Day 4 **Meeting Date** May 7, 2019

Subject: Environment Clearance for Category B2 Project

Is a Violation Case: No

1.Name of Project	M/s. Mrutyunjay Stone Crusher
2.Type of institution	Private
3.Name of Project Proponent	Mr. Sachin Pandurang Shelke
4.Name of Consultant	M/s. Goldfinch Engineering Systems Pvt. Ltd.
5.Type of project	B2 Category Non Coal Mining Project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Gat No. 337, 338, 339, 340, 342
9.Taluka	Parner
10.Village	Yadavwadi
Correspondence Name:	Mr. Sachin Pandurang Shelke
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	Yadavwadi, Parner
City:	Ahmednagar
11.Area of the project	Other area
12.IOD/IOA/Concession/Plan Approval Number	Not Applicable
	IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval Number: STC-05(Mining Plan)/2018 475
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Approved Mining Plan from Deputy Director, Directorate of Geology & Mining Aurangabad, Govt. of Maharashtra
15.Total Plot Area (sq. m.)	2.0 Ha
16.Deductions	Not applicable as it is a B2 category Non Coal Mining Project
17.Net Plot area	2.0 Ha
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable as it is a B2 category Non Coal Mining Project
	b) Non FSI area (sq. m.): Not applicable as it is a B2 category Non Coal Mining Project
	c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable as it is a B2 category Non Coal Mining Project
	Approved Non FSI area (sq. m.): Not applicable as it is a B2 category Non Coal Mining Project
	Date of Approval: 21-08-2018
19.Total ground coverage (m2)	Not applicable as it is a B2 category Non Coal Mining Project
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable as it is a B2 category Non Coal Mining Project
21.Estimated cost of the project	11000000

22.Number of buildings & its configuration

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

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

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Basalt Rock	0	720.8	720.8

32.Total Water Requirement

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

Wet season:	**Source of water**	Not applicable
	Fresh water (CMD):	6.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	6.0
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable as it is a B2 category Non Coal Mining Project	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	1.0	1.0	0	0.5	0.5	0	0.5	0.5

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

35.Storm water drainage	**Natural water drainage pattern:**	Garland Drainage
	Quantity of storm water:	8.0 mm/d
	Size of SWD:	A garland of 7.5 m of barrier will be maintained

Sewage and Waste water	**Sewage generation in KLD:**	0.5
	STP technology:	Soak Pits
	Capacity of STP (CMD):	0.5 KLD
	Location & area of the STP:	Not Applicable
	Budgetary allocation (Capital cost):	3.5 Lakhs
	Budgetary allocation (O & M cost):	Not Applicable

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Overburden Soil or Morrum
	Disposal of the construction waste debris:	Overburden Soil or Morrum will be used for plantation
Waste generation in the operation Phase:	**Dry waste:**	Not applicable as it is a B2 category Non Coal Mining Project
	Wet waste:	Not applicable as it is a B2 category Non Coal Mining Project
	Hazardous waste:	Not applicable as it is a B2 category Non Coal Mining Project
	Biomedical waste (If applicable):	Not applicable as it is a B2 category Non Coal Mining Project
	STP Sludge (Dry sludge):	Not applicable as it is a B2 category Non Coal Mining Project
	Others if any:	Morrum, weathered basalt
Mode of Disposal of waste:	**Dry waste:**	Not applicable as it is a B2 category Non Coal Mining Project
	Wet waste:	Not applicable as it is a B2 category Non Coal Mining Project
	Hazardous waste:	Not applicable as it is a B2 category Non Coal Mining Project
	Biomedical waste (If applicable):	Not applicable as it is a B2 category Non Coal Mining Project
	STP Sludge (Dry sludge):	Not applicable as it is a B2 category Non Coal Mining Project
	Others if any:	Top Soil or Morrum, weathered basalt is used for making roads, development of infrastructure, filling for landscaping
Area requirement:	**Location(s):**	Gat No. 337, 338, 339, 340, 342
	Area for the storage of waste & other material:	Not applicable
	Area for machinery:	Not applicable
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not applicable
	O & M cost:	Not applicable

37.Effluent Charecterestics

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

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

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable as it is a B2 category Non Coal Mining Project	NA	NA	NA	NA	NA

40.Details of Fuel to be used

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

43.Green Belt Development	**Total RG area :**	As per Mining Plan
	No of trees to be cut :	Not Applicable
	Number of trees to be planted :	500
	List of proposed native trees :	As per MPCB Guidelines
	Timeline for completion of plantation :	As per MPCB Guidelines

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Pongamia pinnata	Karanja	200	Indigenous Species
2	Azadirachta indica	Neem	200	Indigenous Species, Medicinal Value
3	Tamarindus indica	Tamarind	50	Indigenous Species, Medicinal Value
4	Accacia nilotica	Babul	50	Indigenous Species

45.Total quantity of plants on ground	

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

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

47.Energy

Power requirement:	**Source of power supply :**	Maharashtra State Electricity Distribution Corporation Ltd. (MSEDCL)
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	NA
	During Operation phase (Demand load):	NA
	Transformer:	MSEDCL
	DG set as Power back-up during operation phase:	NA
	Fuel used:	NA
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

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

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

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

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	NA	NA	NA

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Dust, SPM	Dust and SPM generated in minor quantity .Water sprinklers will be used for dust suppression	5	1

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not Applicable as it is a B2 category Non Coal Mining Project
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	No
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Rehkuri Blackbuck Sanctuary is 63.7 km in Southeast; Great Indian Bastard Sanctuary, Shrigonda is at 38.7 km in Southwest

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

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Brief information of the project by SEAC

PP submitted their 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 Yadavwadi Gut No. 337,338,339,340,342 , Taluka Parner, District Ahemdnagar.

DECISION OF SEAC

• The District Mining Officer, Environmental Consultant and Project Proponent shall conduct joint site inspection to ensure about cluster formation. The District Mining Officer shall ensure that, no quarrying activity is carried out without valid Environmental Clearance and other required NOC'c/permissions in the vicinity of the proposed mine area. The District Mining Officer shall initiate appropriate legal action against the defaulter if any.

•

• PP also to submit following documents for verification at the time appraisal,

1. Copy of latest 7/12 extract.

2. Certificate from Chartered Accountant to ensure exact estimated project cost including land, plant and machineries with their numbers and include the same in the Consolidated Statement.

3. Revised Environmental Management Plan (EMP) with bifurcation of activities and costs. PP also to submit commitment from PP for the implementation of EMP.

4. Progressive mine closure plan approved by competent Authority.

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

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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