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

SEAC Meeting number: 165th -Day 3 Meeting Date May 6, 2019

Subject: Environment Clearance for Proposed Common Biomedical Waste Treatment Facility

Is a Violation Case: No

Is a Violation Case: No	
1.Name of Project	Proposed Common Biomedical Waste Treatment Facility by Kolhapur Municipal Corporation and SS Services (Capacity: Incinerator- 250 Kgs/hr, Autoclave- 150 Kgs/hr and Shredder- 100 Kgs/Hr)
2.Type of institution	Government
3.Name of Project Proponent	Kolhapur Municipal Corporation (Owner) and SS Services (Operator)
4.Name of Consultant	SMS Envocare Ltd. Pune
5.Type of project	Other (Proposed Common Biomedical Waste Treatment Facility)
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	C.S. No. 29, Kasba Bavda Kolhapur
9.Taluka	Karveer
10.Village	Kasba Bavda
Correspondence Name:	Mr. Vijay Patil, Health Officer, Kolhapur Municipal Corporation and Abhay kumar Bandu Birnale, Partner, SS Services
Room Number:	814/2/1
Floor:	4th Floor
Building Name:	SHAHIN
Road/Street Name:	Jamadar colony
Locality:	Behind Circuit House
City:	Kolhapur
11.Area of the project	Kolhapur Municipal Corporation area
12.IOD/IOA/Concession/Plan	Total 4000 m2 of land has been identified for the facility. Approx. 1 Acer land is already acquired. This is a part of land reserved by KMC for Civic amenities in Municipal Solid Waste handling reserve area.
Approval Number	IOD/IOA/Concession/Plan Approval Number: Not Applicable
	Approved Built-up Area: 4000
13.Note on the initiated work (If applicable)	No any work is initiated. Existing facility will be removed by existing operator. New facility will be developed after securing Environmental Clearance as per EIA Notification 2006 and amendment dated 17th April,
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	1 acre
16.Deductions	Not applicable
17.Net Plot area	Not applicable
10 (a) Proposed Publicary Array (FOLC)	a) FSI area (sq. m.): Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.): 4000
10 (b) Annuared Death	Approved FSI area (sq. m.): Not applicable
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 01-12-2018
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	31000000

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	2	2.Numbe	r of buildin	gs & its config	guration	
Serial number	Buildin	ng Name & num	lber Nu	mber of floors	Height of the building (Mtrs)	
1	Not applie	cable as this is Cl	BWTF Not appli	cable as this is CBWTF	Not applicable as this is CBWTF	
2	1	Not applicable	1	Not applicable	Not applicable	
23.Number tenants an		Not applicable a	as this is CBWTF			
24.Number expected re users		Not applicable				
25.Tenant per hectar		Not applicable				
26.Height building(s)						
27.Right of (Width of the from the number of the proposed here)	the road earest fire the	6 Meter wide ro	oad with 7.5 m turnir	ng radius	005:2	
28. Turning for easy active tender movement around the excluding for the pla	from all building the width	As above		0000		
29.Existing structure (Not applicable				
30.Details demolition disposal (I applicable)	with f	Not applicable				
	31.Production Details					
Serial Number	Pro	duct	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)	
1		able as this No	t applicable as this is CBWTF	Not applicable as this is CBWTF	Not applicable as this is CBWTF	
		32.	Total Wate	r Requiremen	t	

32.Total Water Requirement



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	Source of water	Not applicable
	Fresh water (CMD):	13
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
Dry season:	Total Water Requirement (CMD) :	13
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
	Source of water	Not applicable
	Fresh water (CMD):	13
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
Wet season:	Total Water Requirement (CMD):	13
	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

Particula rs	Cons	Consumption (CMD) Loss (CMD)		Effluent (CMD)					
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	NA	1.5	1.5	NA	0.5	0.5	NA	1.0	1.0
Industrial Process	NA	8.0	8.0	NA	4.0	4.0	NA	4.0	4.0
Gardening	NA	2.0	2.0	NA	0.0	0.0	NA	0.0	0.0
Fresh water requireme nt	NA	1.5	1.5	NA	0.5	0.5	NA	1.3	1.3



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tank(s) and Quantity: Location of the RWH tank(s): 34.Rain Water Harvesting (RWH) 34.Rain Water Harvesting (RWH) Size of recharge pits: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): Details of UGT tanks if any: Not Applicable 35.Storm water drainage Not Applicable Not Applicable Not Applicable Not Applicable Sewage and Waste water Sewage and Waste water Sewage and Waste water Waste generation in (Capital cost): Budgetary allocation (O & M cost): Not Applicable Sewage connected to ETP for treatment Not applicable Waste generation in (O & M cost): Waste generation waste during consphase of the project Construction Waste, debris and domestic waste during consphase of the project Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction & Construction & Construction & Construction & Construction & Constru				
Sewage and Waste water Sewage and Waste wa				
Harvesting (RWH) Size of recharge pits: Budgetary allocation (O & M cost): Details of UGT tanks if any: Not Applicable Not Applicable Included in total project cost As above Details of UGT tanks if any: Not Applicable Size of SWD: Not Applicable Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Not applicable Not applicable Not applicable Not applicable Not applicable Construction Waste, debris and domestic waste during consphase of the project Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Construction waste shall be managed as per Construction & Co				
Size of recharge pits Size of recharge pits Budgetary allocation (Capital cost) : Budgetary allocation (O & M cost) : Details of UGT tanks if any : Not Applicable Size of Waste water				
Capital cost): Budgetary allocation (O & M cost): Details of UGT tanks if any: Not Applicable				
Color Marcost Color Marcos				
35.Storm water drainage pattern: Quantity of storm water: Size of SWD: Not Applicable Sewage generation in the Pre Construction Waste generation in the Pre Construction Natural water drainage if from South direction to North direction to				
Sewage and Sewage generation in the Pre Construction Storm water Size of SWD: Not Applicable				
Sewage and Sewage generation in the Pre Construction Storm water Size of SWD: Not Applicable				
Not Applicable	ction			
Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): Not applicable Not applicable Not applicable Not applicable Construction Waste, debris and domestic waste during cons phase of the project Construction waste shall be managed as per Construction &				
Sewage and Waste water In KLD: STP technology: Sewage connected to ETP for treatment	Not Applicable			
Sewage and Waste water In KLD: STP technology: Sewage connected to ETP for treatment				
Sewage and Waste water Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): Not applicable Not applicable Not applicable Not applicable Construction Waste Management Waste generation in the Pre Construction Capacity of STP (CMD): Not applicable Not applicable Construction Waste, debris and domestic waste during consphase of the project Construction waste shall be managed as per Construction &				
Complete Sewage and Waste water				
Waste water Location & area of the STP:				
(Capital cost): Budgetary allocation (0 & M cost): Not applicable Not applicable Not applicable Solid waste Management Construction Waste, debris and domestic waste during cons phase of the project Construction waste shall be managed as per Construction &				
Waste generation in the Pre Construction (O & M cost): Not applicable Not applicable Construction Waste Management Construction Waste, debris and domestic waste during cons phase of the project Construction waste shall be managed as per Construction &				
Waste generation: Construction Waste, debris and domestic waste during cons phase of the project Construction waste shall be managed as per Construction &				
Waste generation: Waste generation: phase of the project Construction waste shall be managed as per Construction &				
the Pre Construction Construction waste shall be managed as per Construction &	ruction			
and Construction phase: Disposal of the construction waste Waste Management Rule, 2016. Domestic solid waste shall I segregated into organic and inorganic waste. Organic waste	Construction waste shall be managed as per Construction & Demolition Waste Management Rule, 2016. Domestic solid waste shall be segregated into organic and inorganic waste. Organic waste shall be managed by composting. Inorganic waste shall be given to Authorized agency appointed KMC.			
During operation phase 30 persons will be engaged in opera and approx. 35 kg/day municipal solid waste is generated.	During operation phase 30 persons will be engaged in operation phase			
Wet waste: Small quantity of wet waste shall be generated.				
Waste generation in the operation Hazardous waste: Incineration ash- 100-200 kg/day, Residue Waste- 20-30 kg/day, Residue Waste- 20	Incineration ash- 100-200 kg/day, Residue Waste- 20-30 kg/day, ETP			
Phase: Biomedical waste (If applicable): Biomedical waste may be generated in case of causality.				
STP Sludge (Dry sludge): Not Applicable				
Others if any: Not Applicable				
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		Dry waste:		waste. Organic waste sh	all be segregated into or all be managed by comp ized agency appointed K	osting. Inorganic waste			
			:		Small quantity of wet waste shall be generated which will be mostly organic and will be manage by composting/Can be send to Authorized				
Mode of Disposal of waste:		Hazardous	waste:	Ranjangaon MIDC, Talu made for the same. All g per Hazardous and Othe	Hazardous waste will be sent to nearest CHWTSDF located at Ranjangaon MIDC, Taluka Shirur, District Pune MH. Agreement will be made for the same. All generated hazardous waste shall be disposed as per Hazardous and Other Waste (Management and Trans -boundary movement) Rule 2016, Biomedical Waste Management Rule, 2016 or as				
		Biomedica applicable	•		l be managed as per Bio 5. As this is a CBWTF so within the unit.				
		STP Sludg sludge):	e (Dry	Not Applicable					
		Others if a	ny:	Not Applicable					
	Location(s):		land is already acquired	as been identified for the . This is a part of land re cipal Solid Waste handlin					
Area requireme	Area for the form of waste & material:			Separate space has been provided in the layout for storage of Waste, Ash and other material.					
	Area for mad		achinery:		Area for machinery has been demarcated as per Revised Guidelines of CPCB for Establishment of Common Biomedical Waste Management Facility				
Budgetary		Capital cos	st:	Included in total cost of	the project				
(Capital cost):		O & M cos	t:	As above					
			37.Ef	fluent Charecter	estics				
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			
1	p.	Н	·	7-8.5	6.5-9.0	6.5-9.0			
2	Oil & (Grease	mg/l	20 to 30	10	10			
3	BOD (3 da	ays 27 oC)	mg/l	300 to 400	30	30			
4	CC	COD		1500-2000	250	250			
5	TSS m		mg/l	1000-1200	100	100			
6	6 TDS mg/l		-	2100	2100				
Amount of earlier (CMD):	Amount of effluent generation (CMD): 6.3 KLD								
Capacity of	the ETP:		8.0 KLD						
Amount of trecycled:	reated efflue	ent	3-4 KLD						
Amount of w	ater send to	the CETP:		ble as treated effluent shoe discharge out side from		e unit and no waste			
Membership	of CETP (if	require):	Not applica	ble					

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Note on ET	P technolog	y to be used	Kolhapur N the propose Plant of 8.0 freeboard of	funicipal Cored project. Lost CMD capacof wastewate process of ur	rporation. To ooking to the ity has been or generation	otal 6.3 CMD e quantity of proposed to a. Treated eff	of Effluent effluent, an treat the ef luent shall b	which is supplied from shall be generated from Effluent Treatment fluent considering 15% be used back to the r plantation, water
Disposal of	the ETP slu	dge	125-145 kg CHWTSDF		sludge shall	be generate	d. The same	shall be send to nearest
			38.Ha	azardous	Waste I	Details		
Serial Number	Desci	ription	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	ETP S	Sludge	HW CAT No. 34.2	MT/year	NA	52.93	52.93	Sent to CHWTSDF
2	Incinera	ation Ash	BMW Cat. No.9	MT/year	NA	83.95	83.95	Sent to CHWTSDF
			39.S	tacks em	ission D	etails		
Serial Number	Soction At limite			sed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Incin	erator	Н	SD	1	30	0.40	85.0
2	DG	Sets	Н	SD	1 7.9		0.076	163.0
			40.De	tails of l	Fuel to b	e used		
Serial Number	Туј	pe of Fuel		Existing		Proposed		Total
1		HSD		NA AS per requirement As per Requirement				
41.Source o				l market	>			
42.Mode of	Transportat	tion of fuel to	site By lo	cal road				
			$ \Diamond$	Total 2037	33 (50%) of	total area sh	all he secur	red for Green Belt
		Total RG a	rea :	Developme		total alca si	idii be secui	ed for Green Beit
		No of trees	s to be cut	No any tree	e will be rem	loved		
		Number of be planted		Total 350 p		50 & Shrubs	-100) will be	e planted including
		List of pro		Terminalia arjuna, Terminalia elliptica, Millingtonia hortensis, Tamarindus indica, Azadirachta indica, Bauhinia purpurea, Erythrina indica, Ficus glomerata, Michelia champaca, Polyalthia longifolia, Butea monosperma, Dalbergia sissoo, Cassia fistula, Alstonia scholaris, Holoptelea integrifolia, Allamanda cathartica etc. shall be planted.				
		Timeline f completion plantation	n of	entire 4 year	ar plantation	programs. I all be provid	Required nu)) will be planted in trients/water/manure flora will also be
	44.Nu	mber and	l list of t	trees spe	cies to b	e plante	d in the	ground
Serial Number	Name of	the plant	Commo	n Name	Qua	ntity	Characteristics & ecological importance	
	Termina			Arjuna 30		30	Reduce Noise Pollution	
1	101111111				20		Sulphur Dioxide Absorbing species	
2 3	Albizia	lebbeck	-	wood		20	-	ioxide Absorbing species

appearing Abhay Pimparkar (Secretary SEAC-I)

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4	Polyalthia longifolia	Ashoka	30	Sulphur Dioxide Absorbing species
5	Grevillea ptehdifolia	Silky grevillea	20	Reduce Noise Pollution
6	Lagerstroemia flosreginae	Pride of India	30	Suspended Pollutant controlling Plant/Other Ornamental plant
7	Anthocephalus cadamba	Kadam	30	Suspended Pollutant controlling Plant/Other Ornamental plant
8	Bauhinia purpurea	Orchid Tree	30	Suspended Pollutant controlling Plant/Other Ornamental plant
9	Cassia fistula	Golden Shower tree	20	Suspended Pollutant controlling Plant/Other Ornamental plant
10	Michelia champaca	Orange champak	20	Suspended Pollutant controlling Plant/Other Ornamental plant
45	5.Total quantity of plar	nts on ground		0-

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	Shrubs species shall be planted as per availability of area	Shrubs species shall be planted as per availability of area	Shrubs species shall be planted as per availability of area

		47.Energy
	Source of power supply:	Maharashtra State Electricity Distribution Corporation Limited (MSEDCL) & DG Sets in case of emergency shutdown
	During Construction Phase: (Demand Load)	As per requirement
	DG set as Power back-up during construction phase	As per requirement
Dozuow	During Operation phase (Connected load):	Total electricity requirement of the project is about 79.39 KVA. Required power will be sourced from Maharashtra State Electricity Distribution Corporation Limited (MSEDCL).
Power requirement:	During Operation phase (Demand load):	as above
	Transformer:	Required facility shall be provided to be connected with MSEDCL line
. \	DG set as Power back-up during operation phase:	DG set of 30 KVA (3 phase).
	Fuel used:	HSD
	Details of high	

48. Energy saving by non-conventional method:

Solar panels shall be installed in the gate and boundary of the facility which will reduce to consumption of electricity.

Not applicable

tension line passing

through the plot if

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	As above	As above

50.Details of pollution control Systems





Emission from Construction. Construction waste, dust emission during transportation of construction material, Noise pollution etc Incineration ash, emission from stack, Effluent generation and residue from the treatment and few quantity of Domestic waste shall be generated.	Construction waste shall be managed as per C & D Management rule, 2016. All hazardous waste shall be managed as per Hazardous and Other waste (Management and Trans boundary) Rule, 2016. Solid Waste Shall be managed as per Solid Waste Management Rule, 2016. Incineration ash shall be stored and sent to CHWTSDF. Effluent Treatment Plant has been proposed for Effluent. The gases after being burnt at 1050°C shall be run into multi cyclone and a venturi scrubber followed by a flooded scrubber with mis

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

Capital cost: Included in Project cost

O & M cost: As above

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 management	Regular water sprinkling and closed transportation of construction material etc	1.50
2	Water Pollution management	Supply of drinking water & arrangement of modular toilets	1.0
3	Solid & Haz. Waste Management	Storage and proper disposal of Solid waste, Haz. Waste, construction waste and other waste	2.0
4	Occupational health & Safety	Providing of PPEs, fire safety arrangements, first-aid facility	2.0
5	Others	Other as per requirement	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 Management including instrumentation	Air Pollution Management including instrumentation. Water sprinkling etc.	5.0	3.0

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2	Water and Waste water management	Effluent Treatment Plant, Arrangement for drinking water	5.0	4.0
3	Solid and hazardous waste management	Disposal of Hazardous waste management. Separate storage arrangement etc.	30.0	5.0
4	Greenbelt Development	Two tier plantations shall be developed including planting of Big, Medium Trees and shrubs and maintenance	15.0	5.0
5	Environmental Monitoring & Analysis	Arrangement for monitoring, Portable instruments purchases, regular monitoring etc.	5.0	8.0
6	Miscellaneous	Miscellaneous	0.0	2.0

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumptio n / Month in MT	Source of Supply	Means of transportati on
Necessary arrangement has been provided to store the Incineration ash, ETP Sludge and Waste collected from Medical units.	Included in the design of unit	Within plant	As per requirement	As per Guidelines	As per requirement	Local market	By road transport

52.Any Other Information

No Information Available

53.Traffic Management

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

Necessary arrangement for Internal road i.e. 6.0~m width with 7.5~m turning radius have been provided. Parking for 4~wheeler & two wheeler has also provided.





Signature:
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(Chairman SEAC-I)

	Number and area of basement:	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	Total 180 sq.m area has been provide as parking area.
	Area per car:	As above
	Area per car:	As above
Parking details:	Number of 2- Wheelers as approved by competent authority:	As above
	Number of 4- Wheelers as approved by competent authority:	As above
	Public Transport:	Not involved
	Width of all Internal roads (m):	Minimum 6.0 m with 7.5 m of turning radius.
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	No any National Park, Wild Life Sanctuary, Biosphere reserve present within the 10 km radius area from project site
	Category as per schedule of EIA Notification sheet	Category 7 (da) "Biomedical Waste Treatment Facilities" as per Amendment dated 17th April, 2015 of EIA Notification, 2006
	Court cases pending if any	No
	Other Relevant Informations	KMC has decided total 7 routs to cover the BMW generated from Kolhapur area. Total 8 vehicles have been provided. Out of 8 vehicles; 7 vehicles are operated for different routes and 1 vehicle is kept for standby. Details of the same are given in Revised EIA/EMP report and also in compliance of 158th (B) SEAC-I committee meeting date 4th January, 2019. Bar code system will be adopted in compliance to the BMWM Rules, 2016 by the Occupier as well as Operator of a CBWTF which helps in (i) tracking of waste from source of generation to final destination for final treatment and disposal; (ii) identification of waste in the event of source of generation in case waste is disposed of improperly; and (iii) Helps in quantification of bio-medical waste generated, colour coding-wise waste handed over to the CBWTF operator by the Occupier, for further treatment and disposal in accordance with the BMWM Rules, 2016.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	19-11-2018
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS

agastrics Abhay Pimparkar (Secretary SEAC-I)

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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				
Brief information of the project by SEAC					

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PP obtained ToR in 130th meeting of SEAC-1 held on 1-2nd July, 2106. The proposal was considered again in 142nd meeting held on 13th September, 2017 wherein SEAC asked to conduct Public Hearing as per EIA Notification, 2006 and submit reprot along with

PP submitted EIA/EMP report along with Public Consultation report for appraisal in the 158th meeting held on 04.01.2019 wherein the proposal was deferred till compliance of the following points.

- 1. 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.
- 2. PP to submit their alternate plan for the treatment and disposal of biomedical waste generated in their jurisdiction during the period of construction and commissioning of the proposed plant.
- 3. PP to submit revised water balance calculations and effleunt geen ration calculations with respect to the capacity of Effluent Treatment Plant.
- 4. PP to collect samples from upstram and downstream of the river Panchaganga as baseline data and include the same in the EIA reprot.
- 5. PP to take utmost care to comply with the applicable regulations for the treatment and disposal of Municipal Solid Waste, Sewage Treatment etc. to avoid nuisence to the people residing nearby; PP to include same in the EIA reprot.
- 6. PP to submit detailed plan for redressal of various issues riased by the public during Public Consultation process. PP shall make necessary provision of funds required for this purpose and include cost in the EMP.
- 7. PP to include above points in the EIA/EMP and submit revised EIA/EMP report.

Now PP submitted compliance of the above points.

DECISION OF SEAC



Name: Dr. Umakant Gångatrao Dangat Page 12 Dr. Umakant Dangat (Chairman SEAC-I)

During deliberations it was observed that, PP has not submitted satisfactory compliance raised during last meeting.

Hence, SEAC-1 decided to defer the proposal till PP submits revised compliacne as mentioned above. PP shall submit action plan to comply with the provisions of the Bio Medical Waste Management Rules, 2016.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

above.

Signature

Sig

approximes! Abhay Pimparkar (Secretary SEAC-I)

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

SEAC Meeting number: 165th -Day 3 Meeting Date May 6, 2019

Subject: Environment Clearance for Environmental Clearance (EC) for proposed Food Colours, Lake Colours and Sulphanilic Acid Manufacturing unit - Application for Grant of EC

Is a Violation Case: No

Is a Violation Case: No					
1.Name of Project	M/s. Arjun Food Colorants Manufacturing Private Limited				
2.Type of institution	Private				
3.Name of Project Proponent	Mr. Bipin M. Manek (Chairman & Managing Director)				
4.Name of Consultant	Equinox Environments (India) Private Limited				
5.Type of project	NA				
6.New project/expansion in existing project/modernization/diversification in existing project	Proposed Food Colours, Lake Colours and Sulphanilic Acid Manufacturing unit by M/s. Arjun Food Colorants Manufacturing Private Limited (New Project)				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA				
8.Location of the project	Plot No. 22/1-B, MIDC Industrial Area, P.O. Dhatav, Taluka: Roha, District: Raigad, State: Maharashtra				
9.Taluka	Roha				
10.Village	Dhatav				
Correspondence Name:	M/s. Arjun Food Colorants Manufacturing Private Limited				
Room Number:	Plot No. 22/1-B				
Floor:	NA				
Building Name:	NA				
Road/Street Name:	MIDC Dhatav				
Locality:	Dhatav, Roha				
City:	Roha				
11.Area of the project	NA				
40.700.700.40	NA				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: NA				
	Approved Built-up Area: 9142				
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.)	17990 m2				
16.Deductions	NA				
17.Net Plot area	NA				
10 (c) Proposed P. W. A. (TOY 6)	a) FSI area (sq. m.): NA				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): NA				
	c) Total BUA area (sq. m.): 9142				
10 (h) American I D (l)	Approved FSI area (sq. m.): NA				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): NA				
	Date of Approval: 01-02-2018				
19.Total ground coverage (m2)	NA				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA				
21.Estimated cost of the project	85000000				
22.Num	22.Number of buildings & its configuration				

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Dr. Umakant Dangat

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Serial number	Buildin	g Name & number	Number of floors	Height of the building (Mtrs)
1		NA	NA	NA
23.Number tenants an		NA		
24.Number of expected residents / users		NA		
25.Tenant per hectar		NA		
26.Height building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)		NA		258
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		NA	200	
29.Existing structure (s) if any			-010	
30.Details demolition disposal (I applicable)	with f	NA		

31. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	A. Food Colours - 1. Ponceau 4R, 2. Sunset Yellow FCF 3. Tartrazine 4. Chocolate Brown HT 5. Quinoline Yellow WS 6. Allura Red, 7. Solvent Green 7 (Green 8), 8. Pigment Red 57 (Red 6), 9. Red 7, 10. Solvent Red 43 (Red 21), 11. Acid Phloxine B (Red 27), 12. Acid Red 92 (Red 28), 13. Acid Red 33 (Red 33), 14. Acid Violet 49 (Violet 2), 15. C.I.Solvent Yellow 172 (Yellow 172)	0.0	250	250

agretains Abhay Pimparkar (Secretary SEAC-I)

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2	Ponce Aluminium Yellow Alu Tartrazine 4. Pigmen (Red 6 Bar 5. Red 7 ca 6. Acid P (Red 27 Al 7. Acid Red Aluminium Red 33 Aluminium	B. Lake Colours - 1. Ponceau 4R Aluminium, 2. Sunset Yellow Aluminium, 3. Tartrazine Aluminium, 4. Pigment Red 57 (Red 6 Barium Lake), 5. Red 7 calcium Lake, 6. Acid Phloxine B (Red 27 Aluminium), 7. Acid Red 92 (Red 28 Aluminium), 8. Acid Red 33 (Red 33 Aluminium), 9. Yellow 6 Aluminium		.0	65	65		
3	C. Sulpha	nilic Acid	0.	.0	180	180		
		3	2.Tota	l Wate	r Requiremen	t		
		Source of	water	MIDC Wate	er Supply Scheme			
		Fresh water	er (CMD):	229				
		Recycled water - Flushing (CMD):		150 - In Pro	ocess (Not For Flushing)			
		Recycled water - Gardening (CMD):		NA				
			Swimming pool make up (Cum):		NA			
Dry season	1 :	Total Water Requirement (CMD) :		379				
			re fighting - nderground water nk(CMD):		NA			
		Fire fighting - Overhead water tank(CMD):		NA				
		Excess treated water		NA				
		Source of water		MIDC Wate	er Supply Scheme			
		Fresh water (CMD):		229				
		Recycled water - Flushing (CMD):		150 - In Process (Not For Flushing)				
			vater - (CMD):	NA				
Wet season:		Swimming make up (pool Cum):	NA				
		Total Wate Requireme		379				
		Fire fighti Undergrou tank(CMD	ind water):	NA				
		Overhead tank(CMD	Fire fighting - Overhead water tank(CMD):		NA			
		Excess treated water		NA				



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(Chairman SEAC-I) **Details of Swimming** NA pool (If any) 33.Details of Total water consumed **Particula Consumption (CMD)** Loss (CMD) Effluent (CMD) Water Require **Proposed Total Existing Total Existing Proposed Total Existing Proposed** ment 2 Domestic 0.0 10 10 0.0 0.0 8 Industrial 0.0 229 0.0 229 0.0 15 15 174 174 Process Cooling tower & 0.0 125 125 0.0 120 120 0.0 5 thermopa ck 0.0 0.0 15 Gardening 15 15 0.0 0.0 0.0 15 Level of the Ground NA water table: Size and no of RWH Total Rain Water Harvesting Quantity (Roof Top Area) - 8467.20 m3 tank(s) and **Quantity:** Location of the RWH Refer Plot Layout Plan for Location of the RWH Tank (Appendix - A in tank(s): EIA Report) Quantity of recharge 34.Rain Water NA pits: **Harvesting** (RWH) Size of recharge pits NA **Budgetary allocation** NA (Capital cost): **Budgetary allocation** NA

35.Storm	water
drainage	

(0 & M cost):

if any:

Details of UGT tanks

NA

Natural water drainage pattern:	NA
Quantity of storm water:	NA
Size of SWD:	NA



		Sewage ge in KLD:	neration	8				
		STP techn	ology:	Domestic Effluent would Plant (STP)	l be treated in proposed	Sewage Treatment		
Sewage	and	Capacity o (CMD):	f STP	NA				
_	Waste water	Location & the STP:	area of	NA				
		Budgetary (Capital co	allocation ost):	NA				
			allocation st):	NA				
36.Solid waste Management						0-		
Waste gen	eration in	Waste gen		NA				
the Pre Co and Constr phase:	nstruction	Disposal o constructi debris:	f the	Solid Waste generated in would be disposed time				
		Dry waste:		Boiler Ash				
		Wet waste	•	NA				
Waste ge	Waste generation in the operation Phase:	Hazardous	waste:	Process Residues and wastes, Chemical sludge from waste water treatment, Discarded Drums/Containers				
in the open Phase:		Biomedical waste (If applicable):		NA				
		STP Sludge (Dry sludge):		NA NA				
		Others if a	ny:	NA				
		Dry waste:		Under proposed unit boiler ash to the tune of 2.6 MT/Day would be generated. The ash would be forwarded to brick manufacturers for secondary use. An agreement will be executed with brick manufactures for utilization of the ash.				
		Wet waste	: 🗘	NA				
Mode of lof waste:	_	Hazardous	waste:	Hazardous Waste Would Authorized Reprocessor		SDF / sale to		
or waster		Biomedical waste (If applicable):		NA				
		STP Sludge (Dry sludge):		NA				
		Others if a	ny:	NA				
	C	Location(s	s):	Plot No. 22/1-B, MIDC Industrial Area, P.O. Dhatav, Taluka: Roha, District: Raigad, State: Maharashtra				
Area requirem	nent:	Area for the of waste & material:		Refer Plot Layout Plan (Appendix - A in EIA Report)				
		Area for m	achinery:	Refer Plot Layout Plan (Appendix - A in EIA Report)				
Budgetary		Capital cos	st:	NA				
(Capital co O&M cost)		O & M cos	t:	NA				
			37.Ef	fluent Charectere	estics			
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)		
1	р	Н		6-7	7-8	5.5-9.0		
						lo o		



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2	COD	mg/lit	92	200 < 150		150	250		
3	BOD	mg/lit	18	350	< 80		30		
4	TDS	mg/lit		5000		100	2100		
5	SS	mg/lit	7	60	< 1	100			
Amount of (CMD):	effluent generation	187	<u> </u>						
Capacity of	the ETP:	300							
Amount of recycled:	treated effluent	150							
Amount of	water send to the CETP:	NA							
Membershi	p of CETP (if require):	NA							
Note on ET	P technology to be used	different st Low TDS). Equalizatio Tank, Multi	Industrial effluents generated from proposed activities would be segregated in two different streams; viz. Stream - I (High COD, High TDS) and Stream - II (Low COD, Low TDS). The Stream-I effluent would be treated in proposed ETP comprising of - Equalization Tank, Feed Tank, Neutralization Tank, Primary Settling Tank, Holding Tank, Multiple Effect Evaporator, Condensate Polishing Unit (CPU). The condensate from MEE shall be treated in CPU. The condensate from the CPU would be recycled thereby a						
Disposal of	the ETP sludge		from would d Disposal F			n Hazardous	s Waste Treatment		
		38.На	zardous	Waste I	Details				
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	Process Residues and wastes	26.1	MT/M	0.0	2	2	Forwarded to CHWTSDF		
2	Chemical sludge from waste water treatment	35.3	MT/M	0.0	150	150	Forwarded to CHWTSDF		
3	Discarded Drums/Containers	33.1	No./M	0.0	2200	2200	Sale to Authorized Reprocessor		
		39.St	acks em	ission D	etails				
Serial Number	Section & units		ed with	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	Boiler (4 TPH)		Coal (15 Day)	1	30	0.4			
	Thermic Fluid Heater	Imported Coal (6 MT/Day)		1	30	0.35			
2	(10 lakh Kcal/hr)	MT/	Day)						
3	(10 lakh Kcal/hr) Thermic Fluid Heater (4 lakh Kcal/hr)	Imported	Day) Coal (2.5 Day)	1	30	0.25			
	Thermic Fluid Heater	Imported MT/	Coal (2.5		30 5 (ARL)	0.25			
3	Thermic Fluid Heater (4 lakh Kcal/hr)	Imported MT/ HSD (10	Coal (2.5 Day)	1	5 (ARL)				
3	Thermic Fluid Heater (4 lakh Kcal/hr)	Imported MT/ HSD (10	Coal (2.5 Day)	1	5 (ARL)		 Total		
3 4 Serial	Thermic Fluid Heater (4 lakh Kcal/hr) DG Set (500 KVA)	Imported MT/ HSD (10	Coal (2.5 Day) 00 lit/Hr)	1	5 (ARL)				
3 4 Serial Number	Thermic Fluid Heater (4 lakh Kcal/hr) DG Set (500 KVA) Type of Fuel NA	Imported MT/ HSD (10	Coal (2.5 Day) 00 lit/Hr) tails of I Existing	1 1 Tuel to b	5 (ARL) e used Proposed		Total		

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	Total RG area:	2919.84 m2
	No of trees to be cut :	NA
	Number of trees to be planted :	500
43.Green Belt Development	List of proposed native trees :	No fruit bearing trees to be planted in the green belt or horticulture undertaken to avoid possible harmful chemical contamination and bioaccumulation. Indigenous evergreen, semi evergreen tree species with broad leaves are to be selected for environmental pollution control purpose and not for beautification purpose. Monoculture to be avoided by planting suitable mixed tree species in the green belt.
	Timeline for completion of plantation :	3 years

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

			The second second	
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	No fruit bearing trees to be planted in the green belt or horticulture undertaken to avoid possible harmful chemical contamination and bioaccumulation. Indigenous evergreen, semi evergreen tree species with broad leaves are to be selected for environmental pollution control purpose and not for beautification purpose. Monoculture to be avoided by planting suitable mixed tree species in the green belt.	No fruit bearing trees to be planted in the green belt or horticulture undertaken to avoid possible harmful chemical contamination and bioaccumulation. Indigenous evergreen, semi evergreen tree species with broad leaves are to be selected for environmental pollution control purpose and not for beautification purpose. Monoculture to be avoided by planting suitable mixed tree species in the green belt.	500	NA
45	5.Total quantity of plan	its 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	GY	NA	NA	NA	
47 Frances					

appropries Abhay Pimparkar (Secretary SEAC-I)

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		Source of power supply:	Maharashtra State	e Electricity Board (MSEB)		
		During Construction Phase: (Demand Load)	NA			
		DG set as Power back-up during construction phase	NA			
Powe		During Operation phase (Connected load):	1 MW			
requiren		During Operation phase (Demand load):	1 MW			
		Transformer:	NA			
		DG set as Power back-up during operation phase:	500 KVA			
		Fuel used:	HSD			
		Details of high tension line passing through the plot if any:	NA			
48.Energy saving by non-conventional method:						
NA		10.Lifetgy Suvi	ing by non con	ivolational method.		
1421		40 Detail	calculations	& % of saving:		
Serial		43.Detan	carculations	x /0 of suving.		
Number	E	nergy Conservation Mo	easures Saving %			
1		NA	()'	NA		
		50.Details	of pollution c	ontrol Systems		
Source		Existing pollution cont	rol system	Proposed to be installed		
Air Pollution Control		NA		APC Equipment in the form of Pulse Jet type Bag Filter, Stacks, Scrubber		
Water Pollution Control		NA		ETP comprising of MEE, CPU, STP & allied Infrastructure		
Noise Pollution Control	10	NA		Noise level Management		
Environmental Management Plan and Monitoring				Environmental Management Plan and Monitoring		
Green Belt Development		NA		Green Belt Development		
Budgetary al (Capital co		Capital cost:	NA			
O&M co		O & M cost:	NA			
51.1	Envir	onmental Mar	nagement p	olan Budgetary Allocation		
a) Construction phase (with Break-up):						



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Serial Number	Attı	Attributes Param		neter		Total Cost per annum (Rs. In Lacs)			Lacs)	
1	1 NA		N	NA		NA				
			b) Operati	ion P	hase (wi	th Breal	k-up):		
Serial Number	Component		Descr	Description		Capital cost Rs. In Lacs		Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Air Pollu	tion Control	APC Equipment in the form of Pulse Jet typ Bag Filter, Stacks, Scrubber		ype	50		10		
2		Pollution ontrol	ETP comp MEE, CP allied Infra	U, STP	&z	150			25	
3		Pollution ontrol	Noise Manag	e level Jement		2			0.75	
4	Managem	onmental ent Plan and litoring	_		and	20		10		
5		en Belt lopment		n Belt opment		5			2	
6		ities for nex e years	CSR Activities for next Five years		next	42)		
51.S	torage	e of ch	emicals	•	lamabl stançe	_	osiv	e/haz	zardou	s/toxic
Descri	Description Status		Location	Location		Maximum Quantity of Storage at any point of time in MT	/ Mo	umption onth in MT	Source of Supply	Means of transportation
_				Chapter 7 of EIA Report Report Report Report		Refer Chapter 7 of EIA Report	Refer Chapter 7 of EIA Report		Refer Chapter 7 of EIA Report	Refer Chapter 7 of EIA Report
			52.A	ny Ot	her Info	rmation	1			
No Informa	No Information Available									
			53.	Traffi	c Mana	gement				
	Nos. of the junction to the main road & design of confluence:									

	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-	
Parking details:	Wheelers as approved by competent authority:	NA
	Number of 4- Wheelers as approved by competent authority:	NA SO
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	Category "B" of item 5(f) of the schedule to the EIA Notofication, 2006
	Court cases pending if any	NA
S	Other Relevant Informations	As per the provisions of "EIA Notification No. S.O. 1533 (E)" dated 14.09.2006, amended on 25.06.2014; the project comes under Category "B" of item 5(f) of the schedule to the EIA Notification, 2006 and is appraised by SEAC / SEIAA at the State level. The project site of AFCMPL (Latitude - 18025'36.09"N & Longitude - 73009'04.12"E) is located at a distance of 0.8 km from the proposed ESA village Dhatav (Latitude -18025'2.61"N & Longitude - 73009'40.00"E). Accordingly, in light of applicability of General Conditions, since village Dhatav wherein the Dhatav MIDC is set up have appeared in the list of ESA village of Western Ghats (Ecological Sensitive Area village) Draft Notification dated 10.03.2014, 04.09.2015 and 27.02.2017; the category of the project changed from 'Category - B' to 'Category - A'. Hence, the project was appraised at central level by Expert Appraisal Committee (EAC) and ToRs have been granted. The EIA report has been prepared by incorporating required information with regards to the project as mentioned in the Terms of Reference (ToRs) issued by MoEFCC vide letter F.No. J-11011/216/2017-IA II (I) dated 1St February 2018 to AFCMPL in the 32nd Expert Appraisal Committee (EAC) meeting held on 21st December 2017. But, in light of Office Memorandum issued by MoEFCC, New Delhi vide letter No. F.No.IA-J-11011/579/2017-IA-II (I) dated 04.02.2019, the project is now appraised at SEAC / SEIAA as Category B project.

	Have you previously submitted Application online on MOEF Website.	Yes			
	Date of online submission 27-03-2018				
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS			
Environmental Impacts of the project	Not Applicable				
Water Budget	Not Applicable				
Waste Water Treatment	Not Applicable				
Drainage pattern of the project	Not Applicable				
Ground water parameters	Not Applicable				
Solid Waste Management	Not Applicable				
Air Quality & Noise Level issues	Not Applicable				
Energy Management	Not Applicable				
Traffic circulation system and risk assessment	Not Applicable				
Landscape Plan	Not Applicable				
Disaster management system and risk assessment	Not Applicable				
Socioeconomic impact assessment	Not Applicable				
Environmental Management Plan	Not Applicable				
Any other issues related to environmental sustainability	Not Applicable				
	Brief information of the project by SEAC				
	DECISION OF SEAC				
PP remained a	PP remained absent.				
Hence, deferred					
Specific Conditions b	<u> </u>				
	FINAL	RECOMMENDATION			

Abhay Pimparkar (Secretary SEAC-I)

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

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

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

SEAC Meeting number: 165th -Day 3 Meeting Date May 6, 2019

Subject: Environment Clearance for Schedule 5(f), Synthetic Organic Chemical Industries, 'B' Category

Is a Violation Case: No

is a violation case; No					
1.Name of Project	Manufacturing of Dye & Dye Intermediates				
2.Type of institution	Private				
3.Name of Project Proponent	M/s. Indychem Industries				
4.Name of Consultant	M/s. Green Circle, Inc.				
5.Type of project	Industrial project at MIDC Taloja area				
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion project (Product mix)				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Environmental Clearance was not requisite for mixing and blending of dye-stuff & pigments. CTE and CTO was obtained from Maharashtra Pollution Control Board (MPCB)				
8.Location of the project	Plot. No. J-30/1, MIDC Industrial area Taloja				
9.Taluka	Panvel				
10.Village	Taloja				
11.Area of the project	Maharashtra Industrial Development Corporation (MIDC), Taloja				
12.IOD/IOA/Concession/Plan Approval Number	Plant approval from MIDC, Taloja IOD/IOA/Concession/Plan Approval Number: Plant approval subject to office letter No. SPA/TLJ/A27958 dated 24.01.2014 Approved Built-up Area: 786.20				
13.Note on the initiated work (If applicable)	NA NA				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA				
15.Total Plot Area (sq. m.)	1200 sq.m				
16.Deductions	Not applicable				
17.Net Plot area	Not applicable				
	a) FSI area (sq. m.): Not applicable				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable				
	c) Total BUA area (sq. m.): 786.20 Sq. m				
10.4) 4 10.41	Approved FSI area (sq. m.):				
18 (b).Approved Built up area as per DCR	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	38400000				

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				

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Dr. Umakant Dangat

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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)	25 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	6 m
29.Existing structure (s) if any	Existing industry (as per CTO)
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

Coriol				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Mixing & Blending of Pigments & Paints-By dry process	50	0	50
2	Mixing & Blending of Pigments & Paints-By Wet process	50	0	50
3	Dyestuff & Pigment in Powder Form (Such as Chrysodine, Bismark Brown, Malachite Green, Rhodamine B, Victoria Blue, Solvent Black, Pigments etc) - Powder form	0	50	50
4	Dyestuff & Pigment in Liquid form (Such as Methyl Violet Liquid, Chrystal Violet Liquid, Malachite Green Liquid, Brilliant Green Liquid, Victoria Blue Liquid, Chrysodine Liquid, Bismark Brown Liquid, Rhodamine B Liquid, Basic Yellow Liquid etc) - Liquid	0	75	75
5	Mixing & Blending of Dyestuff & Pigments - Powder	0	30	30
6	Byproduct	0	6	6
	7	2 Total Mate	r Doguiromon	+

32.Total Water Requirement



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		0 6		NT 1 11 1	1						
		Source of wa		Not applical							
		Fresh water		Not applical	ole						
		Recycled wat Flushing (CM		Not applicable							
		Recycled wat Gardening (C		Not applical	ole						
		Swimming po make up (Cu		Not applical	ole						
Dry season	:	Total Water Requirement :	(CMD)	Not applical	ole						
		Fire fighting Underground tank(CMD):		Not applicab	ole			. %			
		Fire fighting Overhead wa tank(CMD):		Not applical	ole			C			
		Excess treate	ed water	Not applical	ole						
		Source of wa	ter	Not applicable							
		Fresh water	(CMD):	MD): Not applicable							
		Recycled wat Flushing (CM		Not applical	ole	10					
		Recycled wat Gardening (C		Not applical	ole						
		Swimming po make up (Cu		Not applical	ole						
Wet season	1:	Total Water Requirement :	(CMD)	Not applical	ole						
		Fire fighting Underground tank(CMD):		Not applical	ole						
		Fire fighting Overhead wa tank(CMD):		Not applicable							
		Excess treate	d water	Not applicable							
Details of S pool (If any		Not applicable)								
	7	33.	.Detail	s of Total	l water co	nsume	d				
Particula rs	Cons	umption (CM			Loss (CMD)			fluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	-	-	3	-	-	0.6	-	-	2.4		
Gardening	-	-	5	-	-	5	-	-	0		
		1									

ment		110p000u	10001		110p000u	10001		11000000	20042
Domestic	-	1	3	ı	1	0.6	-	-	2.4
Gardening	-	-	5	-	-	5	-	-	0
Industrial Process	1	1	28	ı	1	5.7	1	•	22.3
Cooling tower & thermopa ck	-	-	19	-	-	18	-	-	1.0
							1		
							11	1	

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		l of the Ground r table:	Pre-monsoon: 0.95 to 7.70 m k	ogl & Post-m	onsoon: 1.10 to 4.05 m bgl		
		and no of RWH (s) and tity:	NA				
	Locat tank(tion of the RWH (s):	NA				
34.Rain Water Harvesting	Quan pits:	ntity of recharge	NA				
(RWH)	Size :	of recharge pits	NA				
		getary allocation ital cost) :	NA		.95		
	Budg (O &	getary allocation M cost) :	NA		0.0		
	Detai if any	ils of UGT tanks	Domestic & flushing tank: 15 KL and Fire fighting tank: 50 KL				
25.01		ral water age pattern:	The industry is located in Talo available by MIDC. The land is				
35.Storm water drainage	Quan water	ntity of storm r:	1320 m3				
	Size	of SWD:	1.0 m x 1.0 m				
	Sewa in KI	ge generation LD:	2.4				
	STP 1	technology:	MBBR				
Sewage and	Capa (CMI	city of STP D):	1 No. x 3 KLD				
Waste water	Locat	tion & area of TP:	12 Sq.m				
		getary allocation ital cost):	Rs. 5 Lakhs				
		getary allocation M cost):	Rs. 1 Lakhs/Annum	Rs. 1 Lakhs/Annum			
		36.Solid	d waste Managen	nent			
Waste generation in	Wast	e generation:	Construction debris, Waste cobricks etc.	ncrete, meta	llic waste, plastics, broken		
the Pre Construction and Construction phase:		osal of the truction waste is:	Construction debris, Waste concrete and broken bricks will be utilized in low-land leveling, secondary concrete, below roads. Some quantity of Excavation soil will be use for back-filling and remaining will be hand over to authorized vendor.				
	Dry v	vaste:	Paper, cardboard, Empty Drui	n, HDPE bag	gs, Metal scrap etc 2 MT/M		
	Wet v	waste:	Food waste				
Waste generation	Haza	rdous waste:	Used oil, ETP Sludge				
in the operation Phase:		nedical waste (If cable):	NA				
	STP S	Sludge (Dry je):	10 Kg/Month				
	Othe	rs if any:	NA				
a specialist					Signature:		

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		Dry waste:		Sale to autl	norized vend	ors					
		Wet waste	•	Sent to disposal site							
		Hazardous	waste:	Sale to autl	Sale to authorized vendors/Sent to CHWTSDF						
Mode of D of waste:	Disposal	Biomedica applicable	l waste (If):	NA							
		STP Sludg sludge):	e (Dry	Will be use	d as manure	for gardenin	ıg.				
		Others if a	nny:	NA							
		Location(s	s):	NA							
Area requireme	ent:	Area for the storage of waste & other material:		NA							
		Area for m	achinery:	NA				495			
Budgetary a		Capital co	st:	NA				6			
(Capital cost):		O & M cos	t:	NA				>			
			37.Ef	fluent C	harecter	estics					
Serial Number	Parameters		Unit		affluent terestics		Effluent erestics	Effluent discharge standards (MPCB)			
1	р	Н	-	4.5	-9.5	7.5	- 7.6	5.5-8.0			
2	CO)D	mg/L	35000	- 45000	1000	- 1800	< 2700			
3	ВС		mg/L	4000 - 6000 500 - 800				< 1500			
Amount of ef (CMD):	ffluent gene	eration	23.3		0						
Capacity of the ETP: 30											
Amount of tr recycled :			10								
Amount of w					ent from ETI	P after recyc	ling will be s	ent to CETP			
Membership	of CETP (if	require):		ership obtair		1 0 .					
Note on ETP	technology	to be used	equalization	n tank, neuti		k, aeration t		nent unit's viz. & secondary clarifiers,			
Disposal of t	he ETP sluc	lge	Forwarded	to CHWTSD	F						
		C !	38.Ha	zardous	Waste D	etails					
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal			
1	Use	d oil	5.1	L/yr	-	20	20	Sale to Authorized vendors/recyclers			
2	ETP S	ludge	34.3	MT/M	-	0.30	0.30	Sent to CHWTSDF			
			39.St	tacks em	ission De	etails					
Serial Number	Section	& units		sed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases			
			Furness	oil - 100	1	12	0.4	110 oC			
1	Boiler (N	on IBR) 1	lit/o	day							
1 2		on IBR) 1 o pack	Coal/wood/	Briquette - T/day	2	12	0.5	110 oC			



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	40.Details of Fuel to be used								
Serial Number	Туг	oe of Fuel		Existing	Proposed	Total			
1	Fu	ırness oil		-	100 lit/day	100 lit/day			
2	Coal/wo	ood/ Briquette		-	2.5 MT/day	2.5 MT/day			
3		HSD		-	20 lit/day	20 lit/day			
41.Source of Fuel Loca				l Market					
42.Mode of	42.Mode of Transportation of fuel to site Road								
		Total RG area :		396 sq. m (150 sq. MIDC)	. m. within premises & 24	6 sq. m. on Land allotted by			
		No of trees to be cut:		t _{NA}					
43.Gree		Number of trees be planted :	s to	25					
Development		List of proposed native trees :	l	Asok, Kadamb, Neem, Bakul, Apta etc.					
		Timeline for completion of		2 years					

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

plantation:

Serial Number Name of the plant Common Name Quantity Characteristics & ecological importance		44.Nulliber and	i list of trees spe	cles to be plante	a in the ground
1 Cassia fistula Bahava - Beautiful yellow flowers, Butterfly host plant 2 Mimusops elengi Bakul - Shady tree, small white fragrant flowers 3 Nyctanthes arbortristis Parijatak - Small deciduous fast growing tree, beautiful flowers. 4 Lagerstroemia flosregineae - Tamhan - State flower tree of Maharashtra Medium sized tree, beautiful purple flowers 5 Murraya paniculata Kunti - Small tree, Fragrant white flowers, Butterfly host plant 6 Saraca asoka Sita Ashok - Shady tree with red-yellow flowers. 7 Gmelina arborea Shivan - Fast growing tree with beautiful yellow flowers 8 Azadirachta indica Neem - Semi-evergreen tree with medicinal value 9 Bombax ceiba Kate sawar - Large deciduous tree, Flowers attract many birds. 10 Michelia champaca Son chafa - Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant 11 Anthocephallus cadamba - Shady, large deciduous tree, fast-growing graceful tree, ball shaped flowers.		Name of the plant	Common Name	Quantity	
Similar of the second of the	1	Cassia fistula	Bahava		Beautiful yellow flowers, Butterfly
tristis	2	Mimusops elengi	Bakul	-	
4 Lagerstroemia flosregineae Tamhan - Medium sized tree, beautiful purple flowers 5 Murraya paniculata Kunti - Small tree, Fragrant white flowers, Butterfly host plant 6 Saraca asoka Sita Ashok - Shady tree with red-yellow flowers. 7 Gmelina arborea Shivan - Fast growing tree with beautiful yellow flowers 8 Azadirachta indica Neem - Semi-evergreen tree with medicinal value 9 Bombax ceiba Kate sawar - Large deciduous tree. Flowers attract many birds. 10 Michelia champaca Son chafa - Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant 11 Anthocephallus cadamba Kadamb - Shady, large deciduous tree, fast-growing graceful tree, ball shaped flowers.	3		Parijatak	-	
Butterfly host plant Saraca asoka Sita Ashok Gmelina arborea Shivan Semi-evergreen tree with medicinal value Bombax ceiba Kate sawar Michelia champaca Son chafa Anthocephallus cadamba Kuntt Butterfly host plant Shady tree with red-yellow flowers. Fast growing tree with beautiful yellow flowers Semi-evergreen tree with medicinal value Large deciduous tree. Flowers attract many birds. Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant Shady, large deciduous tree, fast-growing graceful tree, ball shaped flowers.	4		Tamhan	-	Medium sized tree, beautiful
7 Gmelina arborea Shivan - Fast growing tree with beautiful yellow flowers 8 Azadirachta indica Neem - Semi-evergreen tree with medicinal value 9 Bombax ceiba Kate sawar - Large deciduous tree. Flowers attract many birds. 10 Michelia champaca Son chafa - Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant 11 Anthocephallus cadamba Kadamb - Shady, large deciduous tree, fast-growing graceful tree, ball shaped flowers.	5	Murraya paniculata	Kunti	-	
8 Azadirachta indica Neem - Semi-evergreen tree with medicinal value 9 Bombax ceiba Kate sawar - Large deciduous tree. Flowers attract many birds. 10 Michelia champaca Son chafa - Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant 11 Anthocephallus cadamba Kadamb - Shady, large deciduous tree, fast-growing graceful tree, ball shaped flowers.	6	Saraca asoka	Sita Ashok	-	Shady tree with red-yellow flowers.
8 Azadırachta indica Neem - medicinal value 9 Bombax ceiba Kate sawar - Large deciduous tree. Flowers attract many birds. 10 Michelia champaca Son chafa - Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant 11 Anthocephallus cadamba Kadamb - Shady, large deciduous tree, fast-growing graceful tree, ball shaped flowers.	7	Gmelina arborea	Shivan	-	
attract many birds. Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant Anthocephallus cadamba Kate sawar - Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant Shady, large deciduous tree, fast-growing graceful tree, ball shaped flowers.	8	Azadirachta indica	Neem	-	
10 Michelia champaca Son chafa - fragrant yellow flowers, Butterfly host plant 11 Anthocephallus cadamba Kadamb - Shady, large deciduous tree, fast-growing graceful tree, ball shaped flowers.	9	Bombax ceiba	Kate sawar	-	
11 Kadamb - growing graceful tree, ball shaped flowers.	10	Michelia champaca	Son chafa	-	fragrant yellow flowers, Butterfly
45.Total quantity of plants on ground	11		Kadamb	-	growing graceful tree, ball shaped
	45	5.Total quantity of plan	its on ground		

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



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Serial Number		Name		C/C Distance	Area m2			
1		NA		NA	NA			
	47.Energy							
		Source of power supply:	•	MSEDCL				
		During Construction Phase: (Demand Load)		10 KW				
		DG set as Power back-up during construction phase		NA				
Dor	wer	During Operation phase (Connected load):		15 KW (existing)				
	ement:	During Operation phase (Demand load):		125 KW				
		Transformer:		NA				
		DG set as Power back-up during operation phase:		1 No. x 82 KVA				
		Fuel used:		HSD				
		Details of high tension line passing through the plot if any:		NA				
		48.Energy	savir	ng by non-conver	ntional method:			

- 1. The proposed project will provide enough day light factors in the building to permit maximum day light to interior to minimize overall energy consump
- 2. Focusing on the high performance energy efficient U & R values can bring down the building energy consumption i.e. the operational cost for the any commercial buildings.
- 3. To the extent possible and technically feasible, energy efficient equipment will be selected.
- 4. Maximize the use of natural lighting through design
- 5. Gravity flow will be preferred wherever possible to save pumping energy.
- 6. Proper temperature controls will be provided to reduce load on heating systems

49. Detail calculations & % of saving: Serial **Energy Conservation Measures** Saving % Number 1 NA NA 50.Details of pollution control Systems **Existing pollution control system Source** Proposed to be installed Air emission -Air preheater, Multiple Cyclone Seperator, ID Fan, **Process** Wet Scrubber, Dueting with Adequate chimney vents & height flue gas stacks



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(Capital cost and O&M cost): 51.Envir		O & M cost:	-			
Budgetary a	allocation	Capital cost:	-			
Solid Waste		-		Sale/ Recycle/ disposal to CHWTSDF		
Noise - Process area, Utility area, ETP area		-		The Boiler would be kept in an isolated area with proper acoustic treatment to have the ambient noise level as per CPCB standards. The workers would be provided with proper personal protective equipment (PPE) such as ear plugs,ear muffs etc. The DG sets would be enclosed in canopy as well as silencer.		
Wastewater - Domestic use, process, boiler blowdown, cooling tower blowdown, washing		-		ETP & STP		

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)					
1	Air	Dust suppression	1.0					
2	Green area	Green Belt development	1.0					
3	Solid waste	Solid waste management facility	0.5					
4	Air, water, noise	Environment Monitoring	1.5					
5	Health & safety	Occupational Health	1.0					

b) Operation Phase (with Break-up):

	a) operation i muse (with broad up).									
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)						
1	Air emission	Provision for stack & APCM	4.0	1.5						
2	Air & Flue gas	Provision of Boiler & Thermopack	8.0	-						
3	Wastewater	Up gradation ETP Plant & O & M	30.00	4.80						
4	other	other	10.00	-						
5	Green area	Development of Green Belt	0.50	0.20						
6	Solid /Hazardous waste	Solid waste management	-	3.60						

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



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Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Diethyl meta amino phenol	Solid	Drums-Raw material storage area	12.00	12.00	12.00	Local supplier	Road transport
Phthalic anhydride	Solid	Bags-Raw material storage area	12.00	12.00	12.00	Local supplier	Road transport
Di methyl aniline	Liquid	Drums-Raw material storage area	30.00	30.00	30.00	Local supplier	Road transport
Mono methyl aniline	Liquid	Drums-Raw material storage area	1.20	1.20	1.20	Local supplier	Road transport
Diethyl aniline	Liquid	Drums-Raw material storage area	2.00	2.00	2.00	Local supplier	Road transport
Aniline	Liquid	Drums-Raw material storage area	1.20	1.20	1.20	Local supplier	Road transport
Benzel dehyde	Liquid	Drums-Raw material storage area	11.00	11.00	11.00	Local supplier	Road transport
Meta phenylene diamine/meta toluable diamine	Solid	Drums-Raw material storage area	3.00	3.00	3.00	Local suppliaer	Road transport
Sodium nitrite	Solid	Bags-Raw material storage area	2.00	2.00	2.00	Local supplier	Road transport
Oxalic acid	Solid	Bags-Raw material storage area	4.80	4.80	4.80	Local supplier	Road transport
Paraformal dehydride	Solid	Bags-Raw material storage area	0.70	0.70	0.70	Local supplier	Road transport
Phenyl alpha naphthylamine	Solid	Bags-Raw material storage area	2.20	2.20	2.20	Local supplier	Road transport
Acetic acid	Liquid	Drums-Raw material storage area	25.00	25.00	25.00	Local supplier	Road transport
Caustic soda	Solid	Bags-Raw material storage area	12.00	12.00	12.00	Local supplier	Road transport
Di sodium hydrose phosphate	Solid	Bags-Raw material storage area	0.65	0.65	0.65	Local supplier	Road transport
Sodium molybdate	Solid	Bags-Raw material storage area	3.20	3.20	3.20	Local supplier	Road transport
Catalyst	Solid	Bags-Raw material storage area	1.20	1.20	1.20	Local supplier	Road transport
Emulsifier	Liquid	Drums-Raw material storage area	0.50	0.50	0.50	Local supplier	Road transport
Sulphuric acid	Liquid	Drums-Raw material storage area	5.00	5.00	5.00	Local supplier	Road transport
Hydrochloric acid	Liquid	Drums-Raw material storage area	25.00	25.00	25.00	Local supplier	Road transport
B brown base	Solid	Bags-Raw material storage area	2.00	2.00	2.00	Local supplier	Road transport
Basic yellow	Solid	Bags-Raw material storage area	1.60	1.60	1.60	Local supplier	Road transport
Crysodine base	Solid	Bags-Raw material storage area	1.20	1.20	1.20	Local supplier	Road transport
Dyestuff powder	Solid	Bags-Raw material storage area	24.00	24.00	24.00	Local supplier	Road transport



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					1	1		
Metanil yellow	Solid Bags-Raw ma storage ar		rea	2.10	2.10	2.10	Local supplier	Road transport
Methyl violet	Solid Bags-Raw ma storage ar			7.50	7.50	7.50	Local supplier	Road transport
Rhodamine base	Solid Bags-Raw ma storage ar			4.00	4.00	4.00	Local supplier	Road transport
Globber salt/ vaccum salt	Solid Bags-Raw ma storage ar			6.00	6.00	6.00	Local supplier	Road transport
		52.A	ny Ot	her Info	rmation	<u> </u>		
No Information Availab	ole							
		53.	Traffi	c Manag	gement			
	Nos. of the junction to the main road & design of confluence:		Two Nos.					
Parking details:	Number and area of basement:		NA					
	Number and area of podia:		NA				3	
	Total Parking area:		10 Sq.n	n				
	Area per car:		10 Sq. m					
	Area per car:		10 Sq. 1	m				
	Number of 2- Wheelers as approved by competent authority:		NA					
	Number Wheeler approve compete authorit	rs as ed by ent	1 No.					
	Public Transport:		Auto Rickshaw from 200 m the plant boundary					
	Width of all Internal roads (m):		6					
	CRZ/ RF obtain,	RZ clearance if any:						
S	Criticall areas / l	ed Areas / ly Polluted Eco-sensitive nter-State	NA					
	schedul	y as per e of EIA tion sheet	'В					
	Court ca	ases pending	NA					
	Other R Informa		NA					
	submitt Applicat	u previously ed tion online IF Website.	Yes					



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	Date of online submission	23-01-2016
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 has obtianed TOR in the 124th meeting of SEAC-1 held on 30th & 31st March 2016, .PP submitted the EIA reprot durig 141st meeting held on 18.08.2017. It was brought to the notice of PP that they have uploaded the EIA reprot on 14th August 2017 and the expert members couldnot study the same in such a short time. Hence SEAC-1 decided to defer the proosal in 141st meeting and decided to considered in ensuing meeting.

The proposal was considerd in the 142nd and 149th meeting held on 14.09.2017 & 04.04.2018 respectively wherein PP was not present for the meeting. Hence the proposal was deferred.

DECISION OF SEAC



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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.



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

SEAC Meeting number: 165th -Day 3 Meeting Date May 6, 2019

Subject: Environment Clearance for Environment Clearance for: Proposed API Intermediate manufacturing unit (M/s Chemiker Pharmaceuticals Private Ltd.)

Is a Violation Case: No

Is a Violation Case: No	
1.Name of Project	Proposed API Intermediate manufacturing unit (M/s Chemiker Pharmaceuticals Private Ltd.)
2.Type of institution	Private
3.Name of Project Proponent	Mr. Shyam Titirmare
4.Name of Consultant	Anacon Laboratories Private Limited, Nagpur
5.Type of project	Manufacturing of API intermediates
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Notified Industrial Area, MIDC Butibori, Plot no. G-95/1, Village: Kirmiti, Tehsil Hingna, District Nagpur-441 122, Maharashtra.
9.Taluka	Hingna
10.Village	Kirmiti
Correspondence Name:	Mr. Shyam Titirmare
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	Notified Industrial Area, MIDC Butibori, Plot no. G-95/1, Village: Kirmiti, Tehsil Hingna, District Nagpur-441 122, Maharashtra.
City:	Nagpur
11.Area of the project	Notified Industrial Area, MIDC Butibori , Nagpur (MS)
10 IOD/IOA/O	NA
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: NA
**	Approved Built-up Area: 1000
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.)	2000 Sq.M.
16.Deductions	NA
17.Net Plot area	NA
10 (a) Proposed Politica Area (FOLG	a) FSI area (sq. m.): NA
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): NA
	c) Total BUA area (sq. m.): 1000
10 (h) A	Approved FSI area (sq. m.): NA
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): NA
	Date of Approval: 29-10-2018
19.Total ground coverage (m2)	NA
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA
21.Estimated cost of the project	50000000

22. Number of buildings & its configuration

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Serial number	Buildin	ng Name & number	Number of floor	s Heigh	Height of the building (Mtrs)					
1		NA	NA		NA					
23.Numb tenants a	er of and shops	NA								
24.Numb expected users	er of residents /	NA								
25.Tenar per hecta	nt density are	NA								
	26.Height of the building(s)									
27.Right (Width o from the station to proposed	80,00									
for easy a fire tend movement around t excluding		NA		,0000						
29.Existi structure	ng e (s) if any	NA								
30.Detail demolitic disposal applicable	on with (If	NA								
		31.Pr	oduction Deta	ails						
Serial Number		Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)					
1		(dibutyl amino) methyl -9H-fluorene	-4- 0	24.16	24.16					

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	2,7-dichloro -a (dibutyl amino) methyl -9H-fluorene-4- methanol (DBA)	0	24.16	24.16
2	Tert-Butyl [(1S,2R)-1-benzyl-2-hydroxy-3-(isobutyl amino)propyl]carbamate	0	3	3
3	4-(2-Aminoethyl) phenol	0	5	5
4	Methyl 2-(1,8-diethyl-1,3,4,9-tetrahydropyrano[3,4-b]indol-1-yl)acetate	0	5	5
5	Tetra methyl-1,4,7,10-Tetraazacyclododecane-1,4,7,10- tetraacetate	0	0.83	0.83

32.Total Water Requirement



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	Source of water	MIDC, Butibori
	Fresh water (CMD):	20
	Recycled water - Flushing (CMD):	NA
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
Dry season:	Total Water Requirement (CMD)	20
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	NA
	Source of water	MIDC, Butibori
	Fresh water (CMD):	20
	Recycled water - Flushing (CMD):	NA
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
Wet season:	Total Water Requirement (CMD) :	20
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	NA
Details of Swimming pool (If any)	NA	

33.Details of Total water consumed

Particula rs	Consu	mption (CN	AD)	Loss (CMD)			Effluent (CMD)						
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total				
Domestic	0	2.5	2.5	0	0.5	0.5	0	2.0	2.0				
Industrial Process	0	0	0	0	0	0	0	0	0				
Cooling tower & thermopa ck	0	14.0	14.0	0	10.5	10.5	0	3.5 (Recycle)	3.5 (Recycle)				
Gardening	0	3.5	3.5	0	0	0	0	0	0				



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Fresh water requireme nt	20	20	0		11.0	11.0	0	5.5	5.5		
	Level of t		ound		e-monsoon s			n 5-10 mbgl and in Po	ost-monsoon		
	Size and tank(s) a Quantity:	nd	RWH	5x10 feet, one, approx. 800-1000 cum/year							
	Location tank(s):	of the	RWH	To be proposed							
34.Rain Water Harvesting	Quantity pits:	of rec	harge	1					0,		
(RWH)	Size of re	charg	e pits	5x1	0 Feet						
	Budgetar (Capital o		cation	Wil	l be provid	ed in Fi	nal EIA.	C.			
	Budgetar (O & M c		cation	Wil	l be provid	ed in Fi	nal EIA.				
	Details of if any:	f UGT	tanks	NA			2				
Natural water drainage pattern:				The industry is located in Butibori MIDC area where all the facilities are made available by MIDC. The land is having gentle slope and dendritic drainage pattern							
drainage	Quantity water:	of sto	rm	106	63.424 m³	>					
	Size of SV	WD:		300	0 MM						
				1							
	Sewage g in KLD:	jenera	tion	2.0	,						
	STP tech	nology	7:	Septic Tank							
Sewage and	Capacity (CMD):	of STI		NA							
Waste water	Location the STP:	& area	a of	NA							
	Budgetar (Capital o		cation	NA							
CY	Budgetar (O & M c		cation	NA							
		36.	Soli	l v	waste 1	Man	agem	ent			
Waste generation in	Waste ge	nerati	on:	Top	osoil and ot	her con	struction v	vaste			
the Pre Construction and Construction phase:	Disposal construct debris:				osoil remov used durin			ling will be stacked s velopment	separately and will		
	Dry waste	e:		NA							
	Wet wast	e:		NA							
Waste generation in the operation	Hazardou	ıs was	te:	Process Residues and organic Waste 19.78 TPA, Discarded container 12 TPA and Process Residues and inorganic salt Disposal by selling to registered recyclers for bromine recovery.							
Phase:	Biomedic applicabl		ste (If	NA							
	STP Slud sludge):	ge (Dr	y	NA							
	Others if	any:		NA							

		Dry wast	e:		NA						
		Wet was			NA						
	of Disposal	Hazardo	us wast	e:	Process Residues and organic Waste disposed as Incineration at TSDF site, Discarded container: by selling to registered recyclers and Process Residues and inorganic salt Disposal by selling to registered recyclers for bromine recovery						
of was	te:	Biomedi applicab		te (If	NA						
STP Sludge (Dry sludge):					NA						
		Others if	f any:		NA						
		Location	(s):		Tank form Area						
Area for the storage of waste & other material:					500 Sq. feet		6	8			
		Area for	machin	ery:	NA		1,7				
Budgetary allocation (Capital cost:					Will be provided in Fina	al EIA.					
O&M co		0 & M c	ost:		Will be provided in Fina	al EIA.					
37.Effluent Charecterestics											
Seria Numb	Paran	neters Unit			Inlet Effluent Charecterestics	Outlet Effluent Charecterestics		ient discharge dards (MPCB)			
1	N	A	N	ſΑ	NA	NA		NA			
Amount (CMD):	of effluent gene	ration	NA		0,						
Capacity	y of the ETP:		NA								
Amount	of treated efflue	ent	NA								
Amount	of water send to	the CETF	P: NA								
Member	rship of CETP (if	require):	NA								
Note on	ETP technology	to be use	d NA								
Disposa	l of the ETP slud	.ge	NA	<u> </u>							
			3	8.Ha	zardous Waste D	Details					
Serial Number	Description	Cat	UOM	Existin	g Pro	posed	Total	Method of Disposal			
1	Process Residues and organic Waste	1.4	TPA	NA		ss (DBA)	14.5	Incineration at TSDF site			
2	Process Residues and organic Waste	1.4	TPA	NA		enzyl-2-hydroxy-3-(isobutyl pyl]carbamate	1.08	Incineration at TSDF site			
3	Process Residues and organic Waste	1.4	TPA	NA	4-(2-Amino	pethyl) phenol	1.80	Incineration at TSDF site			
4	Process Residues and organic Waste	1.4	TPA	NA		tetrahydropyrano[3,4-b]indol-1- cetate	2.4	Incineration at TSDF site			
5	Process Residues and inorganic salt	28.1	TPA	NA	Tetra methyl-1,4,7,10-Tetr tetra	19.2	Collection, storage, transportation, Disposal by selling to registered recyclers for bromine recovery.				
6	Discarded container/ barrel/ liners contaminated with hazardous	33.3	TPA	NA		duction	12	Collection, storage, transportation, Disposal by selling to registered recyclers			
			3	39.St	acks emission D	etails					

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Serial Number	Section	& units	Fu		sed with ntity	Stacl	k No.	Height from ground level (m)	Inte diam (n	eter	Temp. of Exhaust Gases
1	Во	iler	Briq	uette /	coal based	1	L	30	1	L	NA
2	DG	Set		H	SD	1	L	6	0.1	15	NA
			40	0.De	tails of I	uel	to b	e used			
Serial Number	Тур	e of Fuel			Existing Proposed			Total			
1	Briquet	ette /coal based			NA		Wil	ll be provided Final EIA.	d in	Wil	ll be provided in Final EIA.
2		HSD			NA			44 L/H			44 L/H
41. Source of Fuel Nearest Fuel Station & Nearby Market									. 95		
42.Mode of	Transportat	ion of fuel to	site	By Ro	oad						6
											,9
	Total RG area :				NA						
	No of trees to b			e cut	NA						
43.Gree		Number of be planted		s to	to 106						
Develop	ment	List of pro native tree			List of Recommended species is attached in Document Section.						
		Timeline for completion plantation	ı of		5 Years						
	44.Nu	mber and	l list	of t	rees spe	cies	to b	e plante	d in t	the g	ground
Serial Number	Name of	the plant	Co	ommo	n Name	y	Qua	ntity	Ch		eristics & ecological importance
1	Cynodon	dactylon		Doob	grass		N	ſΑ		Res	trict soil erosion
45	.Total qua	ntity of plan	ts on	grou	nd						
46.Num	ber and	list of sl	ırub	s an	d bushes	s spe	cies	to be pla	ante	d in	the podium RG:
Serial Number		Name			C/C Distance				Area m2		
1		NA			NA					N	'A
					47.E	nerg	Jy				

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		Source of supply:	power	MSEDCL					
		During Co Phase: (De Load)	nstruction emand	NA					
		DG set as back-up du constructi	uring	NA					
D		During Op phase (Cor load):		160 KVA					
Pov require		During Op phase (Der load):		NA					
		Transform	er:	NA					
		DG set as back-up du operation	uring	175 KVA	175 KVA				
		Fuel used:		HSD					
		Details of tension linthrough thany:	e passing	No					
		48.Ene	erav savi	na by no	n-cor	ventional m	ethod:		
LED in all o		g in whole in 4			ons &	x % of saving	a:		
Serial						2 /0 OI SUVIII			
Number	Е	nergy Cons	ervation M	easures			Saving %		
1	A	ll above ene	rgy saving m	easures		Will h	pe provided in Final EIA.		
		50	.Details	of pollut	ion c	ontrol Syste	ms		
Source	Ex	isting pollu	tion contro	l system		Pro	posed to be installed		
Air			NA				Dust Collector		
Water			NA			S	Septic Tank/Soak Pit		
Hazardous Waste			NA				Sent to TSDF		
	allocation	Capital cos	st:	Will be prov	vided in	Final EIA.			
(Capital O&M	cost and cost):	O & M cos	t:	Will be prov	vided in	Final EIA.			
51	.Enviro	onment	tal Mar	nageme	nt p	lan Budg	etary Allocation		
		a)	Constru	ction pha	se (v	ith Break-u	p):		
Serial Number	Attril	butes	Parai	ameter Total Cost per annum (Rs. In Lacs)					
1	N	[A	N	ΙΑ	NA				
		b) Operat	ion Phas	e (wi	th Break-up):		
Serial Number	Comp	onent	Descr	iption	Capi	tal cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)		

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	-			
1	Environmental Monitoring	Environmental Monitoring	Will be provided in Final EIA.	Will be provided in Final EIA.
2	Air Pollution	Bag filter / Dust collector	Will be provided in Final EIA.	Will be provided in Final EIA.
3	Water Pollution	Septic Tank / Soak Pit	Will be provided in Final EIA.	Will be provided in Final EIA.
4	Noise Pollution	Noise Pollution PPE for workers		Will be provided in Final EIA.
5	Solid /Hazardous Waste Management	TSDF	Will be provided in Final EIA.	Will be provided in Final EIA.
6	Occupational Health	Health Care	Will be provided in Final EIA.	Will be provided in Final EIA.
7	Green Belt	Native Species will be planted	Will be provided in Final EIA.	Will be provided in Final EIA.

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	Consumpti on / Month in MT	Source of Supply	Means of transportat ion
Methanol	Storage Tank	Storage Area	10 KL	10 KL	-	Raw materials required are easily available from suppliers of Maharashtra, Madhya Pradesh & Gujarat.	By Road
Butanol	Storage Tank	Storage Area	10 KL	10 KL	-	Raw materials required are easily available from suppliers of Maharashtra, Madhya Pradesh & Gujarat.	By Road
MDC	Storage Tank	Storage Area	10 KL	10 KL	-	Raw materials required are easily available from suppliers of Maharashtra, Madhya Pradesh & Gujarat.	By Road
Acetonitrile	Storage Tank	Storage Area	5 KL	5 KL	-	Raw materials required are easily available from suppliers of Maharashtra, Madhya Pradesh & Gujarat.	By Road
Toluene	Storage Tank	Storage Area	5 KL	5 KL	-	Raw materials required are easily available from suppliers of Maharashtra, Madhya Pradesh & Gujarat.	By Road



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Diphenyl ether	Drum	Storage Are	ea.	2 KL	2 KL	1	Raw materials required are easily available from suppliers of Maharashtra, Madhya Pradesh & Gujarat.	By Road			
N-methyl pyrrolidone	Drum	Storage Are	ea	2 KL	2 KL	-	Raw materials required are easily available from suppliers of Maharashtra, Madhya Pradesh & Gujarat.	By Road			
		52. A	ny O	ther Inf	ormatio	n					
No Information Availal	ble						0				
		53.	Traff	ic Mana	gement	;	60				
			MIDC	road of 30.	0 meter wid	de	0				
	Number and area of basement:					0	7				
<u>1</u>	Number podia:	Number and area of podia:		NA							
	Total Pa	arking area:	Will b	e provided	in Final EIA						
	Area pe	r car:	NA								
	Area pe	r car:	NA								
Parking details:	Wheele approve compet	Number of 2- Wheelers as approved by competent authority:		2 by							
	Wheele approve compet	Number of 4- Wheelers as approved by competent authority:		NA							
	Public 7	Fransport:	NA								
	Width or roads (1	of all Internal m):	20 meter Wide								
	CRZ/ RI obtain,	RZ clearance if any:	No								
2	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries				No						
	schedul	ry as per le of EIA ation sheet	В								
	Court c	ases pending	No								
	Other R Informa	delevant ations		s submitted EIA Report.		plication, wil	l be finalized and su	ıbmitted in			



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	Have you previously submitted	***
	Application online on MOEF Website.	Yes
	Date of online submission	25-02-2019
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	
	Briof informa	tion of the project by SFAC

Brief information of the project by SEAC



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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.

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 culde-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 HAZOP and QRA and submit disaster management plan.
- 7) 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.
- 8) PP to include water and carbon foot print monitoring in the EMP.
- 9) PP to submit hazardous chemical handling protocol

- **10)** 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.
- 11) PP to include point wise compliance of the standard ToR points in the EIA report.

FINAL RECOMMENDATION

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

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

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Subject: Environment Clearance for Proposed Expansion of Existing Industrial Activity of M/s. Hemmo Pharmaceuticals Pvt. Ltd.

Is a Violation Case: No

Is a Violation Case: No				
1.Name of Project	M/s. Hemmo Pharmaceuticals Pvt. Ltd.			
2.Type of institution	Private			
3.Name of Project Proponent	Mr. Haresh Ahuja			
4.Name of Consultant	Building Environment (India) Pvt. Ltd.			
5. Type of project	Industry 5(f) Category B			
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project			
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No, PP has not obtained Environmental Clearance for existing project			
8.Location of the project	C-43, Off Thane Belapur Road TTC MIDC, Near NOCIL RCD Square			
9.Taluka	Thane			
10.Village	Pawane Village			
Correspondence Name:	Mr. Haresh Ahuja			
Room Number:	NA			
Floor:	NA			
Building Name:	NA			
Road/Street Name:	C-43, Off Thane Belapur road TTC MIDC Pawane Village, Near NOCIL RCD Square, Maharashtra - 400613			
Locality:	Pawane			
City:	Thane			
11.Area of the project	Industry is located in Turbhe MIDC			
	Industry is having approved plan from MIDC - DE/MHP/D 34141 /dt. 26.11.2014			
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: DE/MHP/D 34141 /dt.26.11.2014			
Approvar ivaliaber	Approved Built-up Area: 4171.29			
13.Note on the initiated work (If applicable)	Existing Industry is already in operation & no work related to proposed expansion has been initiated.			
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA			
15.Total Plot Area (sq. m.)	4631.00 sq. m.			
16.Deductions	NA			
17.Net Plot area	4631.00 sq. m.			
18 (a).Proposed Built-up Area (FSI &	a) FSI area (sq. m.): 4474.44			
Non-FSI)	b) Non FSI area (sq. m.): NA			
	c) Total BUA area (sq. m.): 4474.44			
10 (b) Assessed D. 'll	Approved FSI area (sq. m.): 4171.29			
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): NA			
	Date of Approval: 26-11-2014			
19.Total ground coverage (m2)	1781.00			
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	38%			
21.Estimated cost of the project	615861000			
22.Number of buildings & its configuration				

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Serial number	Buildin	g Name & number	Number of floors	Height of the building (Mtrs)				
1	N	lot Applicable	Not Applicable	Not Applicable				
23.Number tenants an	-	Not applicable as it is an industry						
24.Number expected rusers	_	This is an industry and Total expected population shall be 180 (Existing 140 and Proposed 40						
25.Tenant per hectar		Not applicable as it is an industry						
26.Height building(s)								
27.Right of (Width of the from the notation to the proposed has been station to the from the first the fir	the road earest fire the							
28.Turning for easy ac fire tender movement around the excluding for the pla	from all building the width	Turning Radius is 9.0 m						
29.Existing structure (Admin Building, ETP, Electrical & AHU Room, DG Room, Boiler Room, Lab						
30.Details demolition disposal (I applicable)	with f	NA						

31. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Oxytocin - Bulk Drugs (In solution and Powder form)	0.004	0.002	0.006
2	Other Peptides (Leuprorelin, Desmopressin, Somatostatin, Tetracosactide,Gonadorelin, Calcitonin, Terlipressin, Octreotide, Buserelin, Decapeptide, Cetrorelix, Carbetocin, Bivalirudin, Goserelin, Triptorelin, Glatiramer, Linaclotide, Eptifibatide, Vasopressin, Salmon GnRH A, Atosiban, Degarelix, Exenatide, MBP Peptides, ACTH (Corticotropin), Glucagon, GL Peptide Custom Peptides, Peptides/Amino Acid based peptides, Liraglutide, Abaloparatide, Teriparatide	0.002	0.002	0.004

32.Total Water Requirement

appropries? Abhay Pimparkar (Secretary SEAC-I)

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	Source of water	MIDC
	Fresh water (CMD):	187.5
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	14.5
	Swimming pool make up (Cum):	0
Dry season:	Total Water Requirement (CMD) :	202.0
	Fire fighting - Underground water tank(CMD):	100
	Fire fighting - Overhead water tank(CMD):	115
	Excess treated water	61.67
	Source of water	MIDC
	Fresh water (CMD):	187.5
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0.0
	Swimming pool make up (Cum):	0
Wet season:	Total Water Requirement (CMD):	202.0
	Fire fighting - Underground water tank(CMD):	100
	Fire fighting - Overhead water tank(CMD):	115
	Excess treated water	76.17
Details of Swimming pool (If any)	NA	

33.Details of Total water consumed

	7. 4 4 55:25:35:25 52 25:35:27 (4.65)								
Particula rs	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	15.0	5.1	20.1	4.6	1.0	5.6	10.4	4.1	14.5
Industrial Process	35.27	24.32	59.59	0.0	0.0	0.0	35.85	24.72	60.57
Cooling tower & thermopa ck	80.5	27.3	107.8	77.2	26.2	103.5	3.3	1.1	4.3
Gardening	2.0	12.5	14.5	2.0	12.5	14.5	0	0	0



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Fresh water requireme nt	56.7 187.5	81.8	27.3	109.1	49.6	29.9	79.4	
	Level of the Ground water table:	5-10 m						
	Size and no of RWH tank(s) and Quantity:	1 tank of 4.2	2m*4.0m*3.0m	; Volume-5	50,000 Lit			
	Location of the RWH tank(s):	Beside D.G	Set					
34.Rain Water Harvesting	Quantity of recharge pits:	NA				0		
(RWH)	Size of recharge pits :	NA				5		
	Budgetary allocation (Capital cost) :	3.0 Lakh						
	Budgetary allocation (O & M cost):	0.2 Lakh			0			
	Details of UGT tanks if any:	UGT having	2 Lakh Liters	capacity is	s provided.			
DE C:	Natural water drainage pattern:	Yes	0					
35.Storm water drainage	Quantity of storm water:	302.83 m3/hr.						
	Size of SWD:	500mm*450mm						
	Sewage generation in KLD:	14.5 KLD						
	STP technology:	Currently having septic tank, Industry has proposed 20CMD STP base on MBBR technology					TP based	
Sewage and	Capacity of STP (CMD):	20 CMD *1 No. of STP						
Waste water	Location & area of the STP:	Beside ETP Plant						
^	Budgetary allocation (Capital cost):	24 Lakh [STP - 12.0 Lakh, ETP - 12.0 Lakh]						
C	Budgetary allocation (O & M cost):	3.8 Lakh						
7	36.Soli	d waste	Manage	emen	t			
Waste generation in	Waste generation:	Construction	n Debris					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Sheds, stora very less. Th	already in oper age tanks, Was ne waste will be lling low laying	te likely to e utilized v	generate is	concrete which	h will be	
	Dry waste:		radable waste 146470 Nos./Y		lay , Inert wa	aste - 8.1 kg/da	ay,	
	Wet waste:	Biodegradal	ole Waste = 24	.3 kg/day				
Waste generation	Hazardous waste:		nt = 75 m3/mo TP sludge = 53					
in the operation Phase:	Biomedical waste (If applicable):	1200 Kg/yea	ar					
	STP Sludge (Dry sludge):	78 kg/month	1					
	Others if any:	NA						

	Dry waste:	Sent to Navi Mumbai Municipal Corporation; STP Sludge will be used as Manures			
	Wet waste:	Sent to Navi Mumbai Municipal Corporation			
Mode of Disposal of waste:	Hazardous waste:	Spent Solvent sent to Authorized Recycler/ Reprocessor, Process waste & residue & ETP Sludge sent to CHWTSDF, Used Oil sent to Authorized Recycler			
	Biomedical waste (If applicable):	Sent to Authorized disposal facility			
	STP Sludge (Dry sludge):	Used as Manure			
	Others if any:	NA			
	Location(s):	South West Corner of the plot			
Area requirement:	Area for the storage of waste & other material:	25 sq.m. for storage			
	Area for machinery:	N.A. [As no onsite treatment facility]			
Budgetary allocation	Capital cost:	1.07 lakh			
(Capital cost and O&M cost):	O & M cost:	2.0 lakh			
37 Effluent Characterestics					

37.Effluent Charecterestics

57.Emuent Charecterestics							
Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)		
1	TDS	mg/l	1164	784	<=2100		
2	pН	-	4.5	7.32	5.5-9		
3	BOD (3 Days 27 0C)	mg/l	118	27	<=100		
4	Suspended Solids	mg/l	142	62.4	<=100		
5	COD	mg/l	654	142	<=250		
6	Oil & Grease	mg/l	8.9	2.1	<=10		
7	Phinolic Compound	mg/l	1.2	0.12	<=1		
8	Free Ammonia	mg/l	5.8	1.0	<=5		
9	Sulphide as S	mg/l	2.5	0.53	<=2		
10	Nitrate Nitrogen	mg/l	19.2	4.4	<=20		
11	Bio - Assay Test (90%)	%		90	90		
Amount of 6 (CMD):	effluent generation	64.91					
Capacity of	the ETP:	Existing = 50 CMD, Same shall be augmented to the 75CMD					
Amount of t recycled :	treated effluent	14.5 CMD					
Amount of v	water send to the CETP:	61.67					
Membershi	p of CETP (if require):	Yes industry has obtained CETP membership					
Note on ET	P technology to be used	Fenton's Te	chnology				
Disposal of	Disposal of the ETP sludge						
		38.Ha	zardous Waste D	etails			
Sorial							

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Spent Solvent	28.6	m3/month	50.0	25.0	75.0	Authorize recycler/re- processor



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2	Process waste & residue	28.1	kg/month	30.0	107.0	137.0	CHWTSDF
3	ETP Sludge	35.3	kg/month	43.42	10.0	53.42	CHWTSDF
4	Used Oil	5.1	Lit/month	0.0	100.0	100.0	Authorized Recycler
		39.S	tacks en	nission De	etails		
Serial Number	Section & units	Fuel Used with Quantity		Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG Set 500 KVA*2	HSD = 2	00 lit/hr	2	9	0.2245	155 0C
2	Boiler (1250 kg/hr	PNG = 245 SCM/Day		1(Common Stack has been provided for both Existing and proposed Boiler (After proposed expansion existing 850kg/hr Boiler will be treated as standby arrangement)	21	0.3	150 OC
3	Boiler (1250 kg/hr	PNG = 505SCM/Day		1(Common Stack has been provided for both Existing and proposed Boiler (After proposed expansion existing 850kg/hr Boiler will be treated as standby arrangement)	21	0.3	150 OC
4	Process Reactor (150 litres)	N	A	1	14	NA	NA
		40.De	etails of	Fuel to be	used		
Serial Number	Type of Fuel Existin		Existing		Proposed		Total
1	HSD 100.0 lit/h:			r	100.0 lit/hr		200.0 lit/hr
2	PNG		245 SCM/Da	ay 5	605 SCM/Day	,	750 SCM/Day
41.Source	of Fuel	Mari	ket and loca	l Vendor			
42.Mode of	Transportation of fuel to	o site Truc	k and Tanke	er			



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43.Green Belt Development	Total RG area:	1528.0 m2
	No of trees to be cut :	0
	Number of trees to be planted :	Existing- 92 Nos ; Proposed- 136 Nos
	List of proposed native trees :	List of Trees is given below
	Timeline for completion of plantation :	Already Planted 92 trees. Proposed plant of 136 trees after obtaining EC

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

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	Manilkara zapota	Chiku	23	Acetone extracts of the seeds exhibited in vitro antibacterial effects against strains of Pseudomonas oleovorans and Vibrio cholerae.		
2	Mangifera indica	Mango	27	Dried Flowers are used as medical cure		
3	Terminalia catappa	Badam	9	Almond grows best in Mediterranean climates with warm, dry summers and mild, wet winters.		
4	Azadirachta indica	Neem tree	8	Ideal source for insecticide and pesticide		
5	Ficus religiosa	Vat tree	13	Listed as an "environmental weed" or "naturalised weed" by the Global Compendium of Weeds.		
6	Cassia fistula	Amaltas	18	It is an Ornamental plant and is also used in herbal medicine. The species is native to the Indian subcontinent and adjacent regions of Southeast Asia		
7	Syzygium cumini	Jamun	7	The seed of the fruit is used in various alternative healing systems like Ayurveda, Unani and Chinese medicine. It has a high source in vitamin A and vitamin C		
8	Dalbergia sissoo	Sheesham	8	Dalbergia sissoo, known commonly as North Indian rosewood, is a fast-growing, hardy deciduous rosewood tree		
9	Tectona grandis	Teak	8	It is resistant to termite attacks and damage caused by other insects.		
10	Terminalia arjuna	Arjun	15	Arjuna has traditionally been used to treat heart disease for centuries.		
45	5.Total quantity of plan	nts 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



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	47.Energy							
		Source of p	nower	1/,L1	1016	J		
		supply:	Jowel	MSEDCL				
			nstruction mand	950 KVA				
			Power Iring on phase	NA				
Powe	on	During Open phase (Corload):		1400 KW				
require	-	During Open phase (Der load):		950 KVA			68	
		Transform	er:	1200 KVA			0.3	
		DG set as I back-up du operation	ıring	500 KVA * 2	2		00	
		Fuel used:		Diesel				
		Details of l tension lin through th any:	e passing	NA				
		48.Ene	rgy savi	ng by no	n-co	nventional m	nethod:	
	48.Energy saving by non-conventional method: Industry have taken the effort to use natural resources available such as solar light. The industry is also using solar street light to lighten up the internal road							
		49	9.Detail	calculati	ons	& % of saving	g:	
Serial Number	E	nergy Cons	ervation M	easures	easures Saving %			
1		Solar	street lights					
		50 .	Details	of polluti	ion c	ontrol Syste	ms	
Source	Ex	isting pollu	tion contro	l system	em Proposed to be installed			
Process Reactor		Ammo	nia Scrubbe	n NA			NA	
Process Reactor	1	Proce	ss Scrubber	NA				
Budgetary a		Capital cos	it:	13.34 Lakh				
	(Capital cost and O&M cost:			1.05 Lakh				
51.Environmental Management plan Budgetary Allocation								
a) Construction phase (with Break-up):								
Serial Number	Attributes Parar			meter	neter Total Cost per annum (Rs. In Lacs)			
1	NA NA				NA			
	b) Operation Phase (with Break-up):							
Serial Number	Comp	onent	Descr	iption	Сар	ital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)	

agas ains Abhay Pimparkar (Secretary SEAC-I)

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1	Air Pollution Control System	Existing + Proposed	13.34	1.05
2	Water pollution Control System (ETP)	Existing + Proposed	87.63	8.51
3	Solid waste Management	Existing + Proposed	1.07	2.00
4	Occupational Health and Safety	Existing + Proposed	Nil	2.00
5	Environmental Monitoring	Existing + Proposed	Nil	1.39
6	Green Belt Development	Existing + Proposed	12.00	3.72

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 transportatio n
Amino Acid	Crystalline Solid	Solvent Drum Store	0.75	0.754	0.237	Vendor	Air Cargo
Resin	Solid and highly viscous	Solvent Drum Store	0.08	0.08	0.016	Vendor	Air Cargo
Reagents	Liquid	Solvent Drum Store	4.3	4.3	15.20	Vendor	By Sea/ Road
Solvent	Liquid	Solvent Drum Store	5.1	5.1	73.081	Vendor	By Sea/ Road

52.Any Other Information

No Information Available

53.Traffic Management

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

2





	1				
	Number and area of basement:	NA			
	Number and area of podia:	NA			
	Total Parking area:	556.0sq.m			
	Area per car:	12.5 sq.m			
	Area per car:	12.5 sq.m			
Parking details:	Number of 2- Wheelers as approved by competent authority:	16			
	Number of 4- Wheelers as approved by competent authority:	6			
	Public Transport:	0			
	Width of all Internal roads (m):	6.0			
	CRZ/ RRZ clearance obtain, if any:	NA			
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA			
	Category as per schedule of EIA Notification sheet	NA			
	Court cases pending if any	NA			
	Other Relevant Informations	NA			
	Have you previously submitted Application online on MOEF Website.	Yes			
^ \	Date of online submission	18-08-2017			
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS			
Environmental Impacts of the project	the report. PP has conduper EIA Notification, 20	t to the committee. Various aspects of the Environment are discussed in acted base line data collection for Air, Water, Soil & Noise parameters as 06 amended from time to time. As per data submitted by the PP in the all parameters are found within the prescribed limits on 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 effluent treatment plant. The treated effluent will be disposed off at CETP.				
Drainage pattern of the project	PP considered contour l	evels during design of storm water drains.			
Ground water parameters	As per data submitted b site.	y PP ground water parameters are within the prescribed limits at project			



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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 950 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 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 proposed EMP cost of Rs. 114.04 Lakhs as capital cost and Rs. 16.57 Lakh as O & M cost to maintain environmental parameters.						
Any other issues related to environmental sustainability	Not Applicable						
	Brief information of the project by SEAC						
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 148th meeting of SEAC-1 held on 26.02.2018 where in TOR was granted.

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

Based on the presentation made by PP; committee decided to approve the TOR for the preparation of EIA/EMP report as per standard TOR and additional TOR points mentioned below.

- 1. PP to submit history about transfer of the proposed plot from time to time till date. PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
- 2. PP to submit lay out plan showing entry/exit gates, internal road width of six meters, turning radius of nine meters, location of pollution control equipment, parking areas, waste storage areas, 33% green belt, rain water harvesting etc. PP to ensure all construction on site are as per National Building Code.
- 3. PP to provide revised product list in the consolidated statement with maximum capping quantity for each product.
- 4. PP to submit copies of all the consents along with their manufacturing quantities.PP to submit details in the tabular format.
- 5. 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.
- 6. PP to submit product wise water balance along with quantities of effluent generation, design of effluent treatment plant and disposal of treated effluent
- 7. PP to provide packaged STP for the treatment of domestic sewage.
- 8. PP to carry out additional surface water sampling of the three lakes in the study area and include in the EIA report.
- 9. PP to carry out HAZOP and QRA and submit report
- 10. PP to submit hazardous chemical handling protocol
- 11. PP to provide lightening arrestor.
- 12. PP to submit CETP NOC for additional effluent load to be discharged to the CETP.
- 13. PP to ensure 2.5 % funds for CSR and submit detailed CSR plan to be prepared in consultation with the District Collector along with implementation schedule
- PP submitted EIA/EMP report for appraisal in 158th meeting wherein the proposal was deferred.

The proposal was again considerd in the 163rd meeting held on 15.03.2019 where in the proposal was deferred till submisison of the compliance of the following points,

- 1. PP to upload revised Form-II and EIA/EMP report.
- 2. PP to submit storm water draina and rain water harvesting calculations.
- 3. PP to prepare and submit CER plan prepared in consultation with the District Collector as per OM issued by MoEF&CC dated 01.05.2018

DECISION OF SEAC

After detailed deliberations with the PP and their accredited consultant SEAC decided recommend the proposal for prior environmental clearance to the SEIAA subject to the following conditions.

Specific Conditions by SEAC:

- 1) PP to implement their CER plan in consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.2018.
- 2) PP to monitor their water and carbon foot print in the Environmental Monitoring Plan.
- 3) PP to ensure strict implementation of all the recommendations of the HAZOP and Risk Assessment study.

FINAL RECOMMENDATION

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

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

SEAC Meeting number: 165th -Day 3 Meeting Date May 6, 2019

Subject: Environment Clearance for Stone Quarry B2 Category Non Coal Mining

Is a Violation Case: No					
1.Name of Project	M/s. Ranguvansh Stone Mines				
2.Type of institution	Private				
3.Name of Project Proponent	Mr. Deepak Singh (Partner)				
4.Name of Consultant	M/s. Goldfinch Engineering Systems Pvt Ltd				
5.Type of project	Project is of B2 Category Non- coal 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	Not Applicable as new project				
8.Location of the project	Forest Survey No.: 94-A, Lease Area 1.19 Ha				
9.Taluka	Thane				
10.Village	Adivali Bhutali				
Correspondence Name:	Deepak Singh				
Room Number:	Forest Survey No: 94-A				
Floor:	NA				
Building Name:	NA				
Road/Street Name:	Shil-Mahape Road				
Locality:	Adivali Bhutali				
City:	Thane				
11.Area of the project	Other Area				
	NA as it is B2 Category Non coal Mining				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval-ML/PL/ADM/403/Part-2/2016/309				
	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 Forest Dept, 2) Deputy Director DOG&M Kolhapur (Mining Plan Approval)				
15.Total Plot Area (sq. m.)	1.19 Ha Total Area				
16.Deductions	NA				
17.Net Plot area	1.19 Ha Total Area= Net Plot Area				
	a) FSI area (sq. m.): NA as it is Non Coal Mining				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): NA as it is Non Coal Mining				
	c) Total BUA area (sq. m.):				
	Approved FSI area (sq. m.): NA as it is Non Coal Mining				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): NA as it is Non Coal Mining				
	Date of Approval: 01-03-2016				
19.Total ground coverage (m2)	NA as it is Non Coal Mining				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA as it is Non Coal Mining				
21.Estimated cost of the project	2100000				
22 Ni	har of huildings S- its configuration				

22. Number of buildings & its configuration

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Serial number	Buildin	g Name & 1	number	Nu	mber of floors	Height of the building (Mtrs)		
1		1 Small office	e		1	2.1		
23.Number tenants an		Not applica	ble as it is N	on coal Min	ng			
24.Number expected rusers		Not applica	ble as it is N	Ion coal Min	ng			
25.Tenant per hectar		Not applica	ble as it is N	Ion coal Mini	ng			
26.Height building(s)								
27.Right o (Width of the from the number station to the proposed by the station to the station t	the road earest fire the	more than 2	200 m			2,58		
28.Turning for easy ac fire tender movement around the excluding for the pla	from all building the width	Sufficient road is available for movement						
29.Existing		Small Office						
30.Details demolition disposal (I applicable	with f	Not applicable as it is Non coal Mining						
			31.F	roduct	ion Details			
Serial Number	Product		Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)		
1	Stone Metal No. 1,2 & 0			0	2083	2083		
32. Total Water Requirement								

appropriately Abhay Pimparkar (Secretary SEAC-I)

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	Source of wat	ter	Tanker Wate	er						
	Fresh water ((CMD):	7.5 CMD							
	Recycled water Flushing (CM		Not applicab	Not applicable						
	Recycled wate Gardening (C		Not applicab	ole						
	Swimming po make up (Cur		Not applicab	ole						
Dry season:	Total Water Requirement:	(CMD)	7.5 CMD							
	Fire fighting Underground tank(CMD):		Not applicab	ole			. 95			
	Fire fighting Overhead wat tank(CMD):		Not applicab	ole			C			
	Excess treate	d water	Not applicab	ole						
	Source of wat	ter	Tanker Wate	er						
	Fresh water (CMD):	7.5 CMD							
	Recycled water Flushing (CM		Not applicable							
	Recycled wate Gardening (C		Not applicable							
	Swimming po make up (Cur		Not applicable							
Wet season:	Total Water Requirement:	(CMD)	7.5 CMD							
	water	Not applicable								
	ter	Not applicable								
	Excess treate	d water	Not applicable							
Details of Swimming pool (If any)										
33.Details of Total water consumed										
Particula rs Con	sumption (CM)	D)	I	oss (CMD)		Eff	luent (CMD)			
Water Require ment Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic 0	1	1	0.5	0	0.5	0.5	0	0.5		

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	1					
	Level of the Ground water table:	0.5 to 14 m BGL				
	Size and no of RWH tank(s) and Quantity:	Not Applicable as it is Non Coal Mining B2 Category				
	Location of the RWH tank(s):	Not Applicable as it is Non Coal Mining B2 Category				
34.Rain Water Harvesting	Quantity of recharge pits:	Not Applicable as it is Non Coal Mining B2 Category				
(RWH)	Size of recharge pits :	Not Applicable as it is Non Coal Mining B2 Category				
	Budgetary allocation (Capital cost) :	0				
	Budgetary allocation (O & M cost) :	0				
	Details of UGT tanks if any:	Not Applicable as it is Non Coal Mining B2 Category				
25.01	Natural water drainage pattern:	Not Applicable as it is Non Coal Mining B2 Category				
35.Storm water drainage	Quantity of storm water:	Not Applicable as it is Non Coal Mining B2 Category				
	Size of SWD:	0				
	Sewage generation in KLD:	0.5 KLD				
	STP technology:	Soak pit				
Sewage and	Capacity of STP (CMD):	500 lit.				
Waste water	Location & area of the STP:	NA				
	Budgetary allocation (Capital cost):	3 Lakh				
	Budgetary allocation (O & M cost):	0				
36.Solid waste Management						
Waste generation in	Waste generation:	Overburden soil or Morum will be used for plantation				
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Not Applicable as it is Non Coal Mining B2 Category				
	Dry waste:	Not Applicable as it is Non Coal Mining B2 Category				
	Wet waste:	Not Applicable as it is Non Coal Mining B2 Category				
Wasta gararias	Hazardous waste:	Not Applicable as it is Non Coal Mining B2 Category				
Waste generation in the operation Phase:	Biomedical waste (If applicable):	Not Applicable as it is Non Coal Mining B2 Category				
Pnase:	STP Sludge (Dry sludge):	Not Applicable as it is Non Coal Mining B2 Category				
	Others if any:	Not Applicable as it is Non Coal Mining B2 Category				



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Mode of Disposal of Wet waste: Not Applicable as it is Non Coal Mining B2 Category			Dry waste:		Not Applies	blo ac it ic N	Ion Cool Min	ing B2 Cato	TOTT!	
Mode of Disposal of waste: Biomedical waste (If applicable): STP Sludge (Dry sludge): Not Applicable as it is Non Coal Mining B2 Category			-		Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category					
Biomedical waste (II applicable): STP Sludge (Dry sludge):										
STP Sludge (Dry sludge):			Biomedical waste (If			, , , , , , , , , , , , , , , , , , ,				
Contact of the state of the storage of waste & other material: Area for the storage of waste & other material: Area for machinery:	of waste:		STP Sludg	•	Not Applica	able as it is N	Ion Coal Min	ing B2 Cate	gory	
Area for the storage of waste & other material: Area for machinery: 1000 sq mtr Budgetary allocation (Capital cost and O&M cost): O & M cost: Not Applicable as it is Non Coal Mining B2 Category 37.Effluent Charecterestics Serial Non Coal Mining B2 Category 1 Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category 1 Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category Amount of effluent generation (CMD): Capacity of the ETP: Not Applicable as it is Non Coal Mining B2 Category Amount of treated effluent recycled: Amount of water send to the CETP: Not Applicable as it is Non Coal Mining B2 Category Membership of CETP (if require): Not Applicable as it is Non Coal Mining B2 Category Note on ETP technology to be used Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category Note on ETP technology to be used Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category 38.Hazardous Waste Details Serial Non Coal Mining B2 Category 39.Stacks emission Details Fuel Used with Quantity Stack No. Height from Internal Gases			Others if a	ny:	developme					
requirement: Discription Capital cost and O&M cost: Not Applicable as it is Non Coal Mining B2 Category			Location(s	·):			Adivali Bhu	tali, Taluka 8	& District : Thane,	
Budgetary allocation (Capital cost and O&M cost: Not Applicable as it is Non Coal Mining B2 Category		ent:	of waste &		NA				68	
Capital cost and O&M cost: Not Applicable as it is Non Coal Mining B2 Category			Area for m	achinery:	1000 sq mt	r				
Serial Number Parameters Unit Inlet Effluent Charecterestics			Capital cos	st:	Not Applica	able as it is N	Ion Coal Min	ing B2 Cate	gory	
Not Applicable as it is Non Coal Mining B2 Category			O & M cos	t:	Not Applica	able as it is N	Ion Coal Min	ing B2 Cate	gory	
Number				37.Ef	fluent C	harecter	estics			
Amount of effluent generation (CMD): Capacity of the ETP: Amount of treated effluent recycled: Amount of water send to the CETP: Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category Membership of CETP (if require): Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category Not Applicable as it is Non Coal Mining B2 Category 38.Hazardous Waste Details Serial Number Description Cat UOM Existing Proposed Total Method of Disposal Not Applicable as it is Non Coal Mining B2 Category 39.Stacks emission Details Fuel Used with Quantity Serial Number Section & units Fuel Used with Quantity Stack No. Temp. of Exhaust Gases		Parameters Unit		Unit						
Composition Not Applicable as it is Non Coal Mining B2 Category	1	Non Coal Mining B2		NA	NA		NA		NA	
Amount of treated effluent recycled: Amount of water send to the CETP: Not Applicable as it is Non Coal Mining B2 Category Membership of CETP (if require): Not Applicable as it is Non Coal Mining B2 Category Note on ETP technology to be used Not Applicable as it is Non Coal Mining B2 Category Disposal of the ETP sludge Not Applicable as it is Non Coal Mining B2 Category 38.Hazardous Waste Details Serial Number Description Cat UOM Existing Proposed Total Method of Disposal Not Applicable as it is Non Coal Mining B2 Category 39.Stacks emission Details Serial Non Coal Mining B2 Category Total Method of Disposal NA N		effluent gene	eration	Not Applica	cable as it is Non Coal Mining B2 Category					
Amount of water send to the CETP: Not Applicable as it is Non Coal Mining B2 Category Membership of CETP (if require): Not Applicable as it is Non Coal Mining B2 Category Note on ETP technology to be used Not Applicable as it is Non Coal Mining B2 Category Disposal of the ETP sludge Not Applicable as it is Non Coal Mining B2 Category 38.Hazardous Waste Details Serial Number Description Cat UOM Existing Proposed Total Method of Disposal Not Applicable as it is Non Coal Mining B2 Category 39.Stacks emission Details Serial Number Section & units Fuel Used with Quantity Stack No. Height from ground level (m) Temp. of Exhaust Gases	Capacity of	the ETP:		Not Applica	able as it is N	Ion Coal Min	ing B2 Cate	gory		
Membership of CETP (if require): Not Applicable as it is Non Coal Mining B2 Category Note on ETP technology to be used Not Applicable as it is Non Coal Mining B2 Category Disposal of the ETP sludge Not Applicable as it is Non Coal Mining B2 Category 38.Hazardous Waste Details Serial Number Description Cat UOM Existing Proposed Total Method of Disposal Not Applicable as it is Non Coal Mining B2 NA		reated efflue	ent	Not Applica						
Note on ETP technology to be used Disposal of the ETP sludge Not Applicable as it is Non Coal Mining B2 Category 38.Hazardous Waste Details Serial Number Description Cat UOM Existing Proposed Total Method of Disposal Not Applicable as it is Non Coal Mining B2 NA	Amount of v	vater send to	the CETP:	Not Applica	able as it is N	Ion Coal Min	ing B2 Cate	gory		
Disposal of the ETP sludge Not Applicable as it is Non Coal Mining B2 Category	Membership	of CETP (if	require):	Not Applica	able as it is N	Ion Coal Min	ing B2 Cate	gory		
Serial Number Description Cat UOM Existing Proposed Total Method of Disposal	Note on ETI	P technology	to be used	Not Applica	able as it is N	Ion Coal Min	ing B2 Cate	gory		
Serial NumberDescriptionCatUOMExistingProposedTotalMethod of Disposal1Not Applicable as it is Non Coal Mining B2 CategoryNANANANANANA39.Stacks emission DetailsSerial NumberSection & unitsFuel Used with QuantityStack No.Height from ground level (m)Internal diameter (m)Temp. of Exhaust Gases	Disposal of	the ETP slud	lge	Not Applica	able as it is N	Ion Coal Min	ing B2 Cate	gory		
Number Description Cat UOM Existing Proposed Total Method of Disposal Not Applicable as it is NA NA NA NA NA NA NA N			C !	38.Ha	zardous	Waste D	etails			
1 Non Coal Mining B2 NA NA NA NA NA NA NA 39.Stacks emission Details Serial Number Section & units Fuel Used with Quantity Stack No. Fuel Used with Quantity Stack No. Fuel Used with Gases		Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal	
Serial Number Section & units Fuel Used with Quantity Stack No. Fuel Used with Quantity Stack No. Stack No. Height from ground diameter (m) Temp. of Exhaust Gases	1	Non Coal Mining B2		NA	NA	NA	NA	NA	NA	
Serial Number Section & units Fuel Used with Quantity Stack No. Stack No. Gases Fuel Used with Quantity Stack No. From ground level (m) Temp. of Exhaust Gases				39.St	tacks emission Details					
NT 1 A 31 13 11 11 11 11 11 11 11 11 11 11 11		Section	Soction At limite			Stack No.	from ground	diameter		
Not Applicable as it is Non Coal Mining B2 Category NA NA NA NA NA NA NA NA	1	Non Coal	Mining B2	N	[A	NA	NA	NA	NA	
40.Details of Fuel to be used				40.De	tails of H	uel to be	e used			

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Serial Number	Type of Fuel			Existing		Prop	osed	Total	
1	Not Applicable as it is Non Coal Mining B2 Category			0		0	1	0	
41.Source o	of Fuel			rying Operat ric power su		day time & doe	es nor require	d high tension	
42.Mode of	Transportat	tion of fuel to	site By V	ehicle					
		Total RG ar	ea:	As per Mining Closer plan (EMP)					
		No of trees	to be cut	0		·			
43.Gree		Number of trees to be planted :		15000 Big 7	Γrees like N	Mango, Jamun,	Neem etc.	0,	
Develop	ment	List of proposed native trees :		As per MPC	B Guidelines				
comp		Timeline fo completion plantation	of	As per MPCB		es	0,1		
	44.Nu	mber and	list of t	rees spe	cies to l	be planted	in the gr	ound	
Serial Number	Name of	the plant	Commo	n Name				stics & ecological portance	
1	Mangnifera Indica Mango		o Trees	Total Number of Trees including other tress are 1500		Indige	enous species		
2	Syzyjium Cumini		Jamur	n Tress	Total Number of Trees including other tress are 1500		Indige	enous species	
3	3 Azardica Indica		Ne	Neem including		nber of Trees g other tress e 1500	Indige	enous species	
45	.Total qua	ntity of plant	ts on grou	nd					
46.Nun	nber and	list of sh	rubs an	d bushes	s specie	s to be pla	nted in th	ne podium RG:	
Serial Number Name				C/C Dista	nce		Area m2		
1		NA		0	0				
				47.Eı	nergy				

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Dr. Umakant Dangat

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		Source of p supply:	ower	MSEDCL					
Power requirement:		During Con Phase: (Der Load)		NA as it is B2 Category Non coal Mining					
		DG set as P back-up du constructio	ring	NA					
		During Ope phase (Con- load):		NA					
		During Ope phase (Dem load):		NA					
		Transforme	er:	MSEDCL					
			ower ring hase:	NA					
		Fuel used:		NA					
			igh e passing e plot if	NA	NA				
		48.Ene	rgy saviı	ng by no	n-co	nventional m	ethod:		
Standard ca	bles & equi	pment & Time	ely Mainten	ance					
		49	.Detail	calculati	ons	& % of saving	g:		
Serial Number	Finerry Conservation Mea								
1			NA	<u> </u>			0		
		50.	Details	of polluti	ion (control Syste	ms		
Source	Ex	isting pollut	ion contro	l system		Proposed to be installed			
Not Applicable as it is Non Coal Mining B2 Category	Not Applic	on Coal Min	ning B2 Cate	gory	Not Applicable as	s it is Non Coal Mining B2 Category			
Budgetary (Capital	allocation	Capital cos	t :	0					
O&M	cost and	O & M cost	:	0					
51	.Enviro	onment	al Mar	nageme	nt	plan Budg	etary Allocation		
		a) (Construc	ction pha	se (with Break-u	p):		
Serial Number	Attril	Parar	meter		Total Cost p	eer annum (Rs. In Lacs)			
1	NA N			ſΑ			0		
		b)	Operat	ion Phas	e (w	ith Break-up):		
Serial Number	Comp	onent		iption			Operational and Maintenance		
1		pression, , Sprinkler	Dı	ıst	4	.5 for 5 years	0.9		



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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 Non Coal Mining B2 Category NA		NA	NA	0	0	NA	NA
52.Any Other Information							

No I	nforn	nation	A 172	ilah	ما

53.Traffic	Management
------------	------------

	Nos. of the junction to the main road & design of confluence:	Not Applicable as it is Non Coal Mining B2 Category
	Number and area of basement:	Not Applicable as it is Non Coal Mining B2 Category
	Number and area of podia:	Not Applicable as it is Non Coal Mining B2 Category
	Total Parking area:	Not Applicable as it is Non Coal Mining B2 Category
	Area per car:	Not Applicable as it is Non Coal Mining B2 Category
	Area per car:	Not Applicable as it is Non Coal Mining B2 Category
Parking details:	Number of 2- Wheelers as approved by competent authority:	Not Applicable as it is Non Coal Mining B2 Category
	Number of 4- Wheelers as approved by competent authority:	Not Applicable as it is Non Coal Mining B2 Category
	Public Transport:	Not Applicable as it is Non Coal Mining B2 Category
	Width of all Internal roads (m):	sufficient width for vehicle movements
CY	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Ghandi National Park -17.5 KM
	Category as per schedule of EIA Notification sheet	1(a)
	Court cases pending if any	No

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Other Relevant Informations	Project is of B2 Category Non Coal Mining of 1.19 Ha.		
Have you previously submitted Application online on MOEF Website.	No		
Date of online submission	-		

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

	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 guarry having area of 1.19 ha. on the forest lease area at Adivali Bhutavali Survey No. 94-A, Taluka Thane, District Thane.

DECISION OF SEAC



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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

on above.

appropries? Abhay Pimparkar (Secretary

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

SEAC Meeting number: 165th -Day 3 Meeting Date May 6, 2019

Subject: Environment Clearance for Stone Quarry B2 Category Non Coal Mining

Is a Violation Case: No					
1.Name of Project	Mukesh stone Crushing Company				
2.Type of institution	Private				
3.Name of Project Proponent	Mr. Rajendraprasad Musafir Singh				
4.Name of Consultant	M/s. Goldfinch Engineering Systems Pvt. Ltd.				
5.Type of project	Project is B2 Category Non-Coal 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	Not Applicable as new project				
8.Location of the project	W.P.F. Survey no. 218/B Part,				
9.Taluka	Thane				
10.Village	Shil				
Correspondence Name:	Mr. Rajendraprasad Musafir Singh				
Room Number:	NA				
Floor:	NA				
Building Name:	NA				
Road/Street Name:	W.P.F. Survey no. 218/B Part, Shil-Mahape Road				
Locality:	Shil				
City:	Thane				
11.Area of the project	Other Area				
	NA as it is B2 Category Non Coal Mining				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval No. ML/PL/Adm/503/Part3/2016/470				
	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) Deputy Director, DGM Kolhapur (Mining PLan Approval)				
15.Total Plot Area (sq. m.)	1.17 Ha - Total Lease Area				
16.Deductions	NA				
17.Net Plot area	1.17 Ha - Total Area = Net Plot Area				
	a) FSI area (sq. m.): NA as it is Non Coal Mining				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): NA as it is Non Coal Mining				
	c) Total BUA area (sq. m.):				
	Approved FSI area (sq. m.): NA as it is Non Coal Mining				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): NA as it is Non Coal Mining				
	Date of Approval: 01-01-1900				
19.Total ground coverage (m2)	NA as it is Non Coal Mining				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA as it is Non Coal Mining				
21.Estimated cost of the project	7000000				
22.Num	ber of buildings & its configuration				

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Name: Dr. Umakant Gangatrao Dangat Dr. Umakant Dangat

Serial	Building Name & num		umber	Nu	mber of floors	Height of the building (Mtrs)				
number										
2		small Office			1	2.1				
23.Number tenants an		NA as it is N	NA as it is Non Coal Mining							
24.Number of expected residents / users		NA as it is N	on Coal Mir	ning						
25.Tenant per hectar		NA as it is Non Coal Mining								
26.Height building(s)										
27.Right of (Width of the from the notation to the proposed has been station to the from the first the fir	the road earest fire the	more than 200 m								
28.Turning for easy ac fire tender movement around the excluding for the pla	from all building the width	Sufficient road is available for movement								
29.Existing		small office								
30.Details demolition disposal (I applicable)	with f	NA as it is Non Coal Mining								
			31.P	roduct	ion Details					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)				
1 Stone Metal 0 2083 208				2083						
32. Total Water Requirement										

appropriately Abhay Pimparkar (Secretary SEAC-I)

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	Source of wat	ter	Tanker Wate	er								
	Fresh water (CMD):	7.5 CMD									
	Recycled water Flushing (CM		Not Applical	ole								
	Recycled wate Gardening (C		Not Applicable									
	Swimming po make up (Cur		Not Applical	Not Applicable								
Dry season:	Total Water Requirement :	(CMD)	7.5 CMD									
	Fire fighting Underground tank(CMD):		Not Applical	ole			. 95					
	Fire fighting Overhead wat tank(CMD):		Not Applical	ole			C					
	Excess treate	d water	Not Applical	ole								
	Source of wat	ter	Tanker Wate	er								
	Fresh water (CMD):	6 CMD									
	Recycled water Flushing (CM		Not Applicable									
	Recycled wate Gardening (C		Not Applicable									
	Swimming po make up (Cur		Not Applicable									
Wet season:	Total Water Requirement:	(CMD)	6 CMD									
	Fire fighting Underground tank(CMD):		Not Applicable									
	Fire fighting Overhead wat tank(CMD):		Not Applicable									
	Excess treate	d water	Not Applicable									
Details of Swimming pool (If any)	Not Applicable)										
	33.	Detail	s of Total	water co	nsume	d						
Particula rs Con	sumption (CM)	D)	I	oss (CMD)		Eff	fluent (CMD)					
Water Require ment Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total				
Domestic 0	1	1	0	0.5	0.5	0	0.5	0.5				

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	- 1010							
	Level of the Ground water table:	0.5 to 14 m bgl						
	Size and no of RWH tank(s) and Quantity:	Not Applicable as it is Non Coal Mining B2 Category						
	Location of the RWH tank(s):	Not Applicable as it is Non Coal Mining B2 Category						
	Quantity of recharge pits:	Not Applicable as it is Non Coal Mining B2 Category						
(RWH)	Size of recharge pits :	Not Applicable as it is Non Coal Mining B2 Category						
	Budgetary allocation (Capital cost) :	Not Applicable as it is Non Coal Mining B2 Category						
	Budgetary allocation (O & M cost) :	Not Applicable as it is Non Coal Mining B2 Category						
	Details of UGT tanks if any :	Not Applicable as it is Non Coal Mining B2 Category						
	Natural water drainage pattern:	Garland Drainage						
Idrainado	Quantity of storm water:	16 mm/day						
	Size of SWD:	A garland of 7.5 m of barrier will be maintained						
	Sewage generation in KLD:	0.5 KLD						
	STP technology:	Soak Pits						
	Capacity of STP (CMD):	0.5 CMD						
Wasto water	Location & area of the STP:	NA						
	Budgetary allocation (Capital cost):	3 Lakhs						
	Budgetary allocation (O & M cost):	0						
	36.Solid	d waste Management						
Traste generation in	Waste generation:	Overburden Soil or Morrum will be used for plantation						
and Construction	Disposal of the construction waste debris:	Not Applicable as it is Non- Coal Mining B2 Category						
7	Dry waste:	Not Applicable as it is Non- Coal Mining B2 Category						
,	Wet waste:	Not Applicable as it is Non- Coal Mining B2 Category						
Wasta garantian	Hazardous waste:	Not Applicable as it is Non- Coal Mining B2 Category						
	Biomedical waste (If applicable):	Not Applicable as it is Non- Coal Mining B2 Category						
	STP Sludge (Dry sludge):	Not Applicable as it is Non- Coal Mining B2 Category						
	Others if any:	Morrum, weathered basalt						



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		Dry waste:		Not Applica	able as it is N	Ion- Coal Mi	ning B2 Cate	gory			
		Wet waste	•	Not Applica	able as it is N	Ion- Coal Mi	ning B2 Cate	gory			
		Hazardous	waste:	Not Applica	able as it is N	Ion- Coal Mi	ning B2 Cate	gory			
Mode of I	Disposal	Biomedica applicable		Not Applica	able as it is N	Ion- Coal Mi	ning B2 Cate	gory			
or waste:		STP Sludg sludge):	e (Dry	Not Applicable as it is Non- Coal Mining B2 Category							
		Others if a	ny:	Top Soil or Morrum, weatheres basalt is used for making roads, development of infrastructure, filling for landscaping to develop greenery							
		Location(s	s):	Forest Survey no 218/B Part, Village - Shil, Tal, Dist - Thane (MS)							
Area requirem	ent:	Area for the of waste & material:		Not Applica	Not Applicable						
		Area for m	achinery:	4000 Sq. M	ts						
Budgetary		Capital co	st:	Not Applica	able as it is N	Ion- Coal Mi	ning B2 Cate	gory			
(Capital co O&M cost)		O & M cos	t:	Not Applica	able as it is N	Ion- Coal Mi	ning B2 Cate	gory			
			37.Ef	fluent C	harecter	estics					
Serial Number	Paran	neters	Unit		affluent terestics		Effluent erestics	Effluent discharge standards (MPCB)			
1	Non- Coal	able as it is Mining B2 egory	NA	N	JA	N	[A	NA			
Amount of e	effluent gene	eration	Not Applica	cable as it is Non- Coal Mining B2 Category							
Capacity of	the ETP:		Not Applica	able as it is N	Ion- Coal Mi	ning B2 Cate	gory				
Amount of t recycled :	reated efflue	ent	Not Applica	icable as it is Non- Coal Mining B2 Category							
Amount of v	vater send to	o the CETP:	Not Applica	licable as it is Non- Coal Mining B2 Category							
Membershi				pplicable as it is Non- Coal Mining B2 Category							
		to be used		ot Applicable as it is Non- Coal Mining B2 Category							
Disposal of	the ETP sluc	lge	Not Applica	able as it is N	Ion- Coal Mi	ning B2 Cate	gory				
			38.На	zardous	Waste D	etails					
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal			
1	Non-Coal	able as it is Mining B2 gory	NA	NA	NA	NA	NA	NA			
	2		39.St	tacks em	ission Do	etails					
Serial Number	Section	& units		sed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases			
1	Non- Coal	able as it is Mining B2 gory	N	ſΑ	NA	NA	NA	NA			
			40.De	tails of I	uel to be	e used					
Serial Number	Тур	e of Fuel		Existing	J	Prop	osed	Total			

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1		cable as it is Non- ing B2 Category		NA		N	JA	NA		
41.Source o		ing bz category			ration is only performed in day time & does not require High Power Supply					
42.Mode of	Transportat	ion of fuel to site		Applicable	11 3					
				_						
		Total RG area	:	AS per Mine Closure Plan						
No of trees to b			be cut	0						
43.Green Belt Number of tree be planted:				1180						
Develop	ment	List of propose native trees :	d	As per MPC	B Guidlines			02		
Timeline for completion of plantation :				As Per MPCB Guidlines						
	44.Nu	mber and li	st of t	rees spe	cies to b	e plante	d in the gr	ound		
Serial Number	Name of	the plant	Commo	n Name	Qua	ntity		stics & ecological portance		
1	Magnife	ra Indica	Mang	o Tree	include ma	of trees ango will be	Indige	nous Species		
2	Syzyjiur	n Cumini	Jamu	n Tree	Total no. of trees include Jamun will be 1180					
3	Azadirac	hta indica	Neen	n Tree	Total no. of trees include Neem will be 1180		Indige	nous Species		
4	Tamarandus indica		Tam	arind	Total no. of trees include Neem will be 1180					
45	.Total qua	ntity of plants o	n grou	nd						
46.Nun	nber and	list of shru	bs an	d bushes	species	to be pla	anted in th	e podium RG:		
Serial Number	Name C/C Dista			C/C Dista	tance Area m2					
1		NA		NA	NA					

47.Energy

agretains Abhay Pimparkar (Secretary SEAC-I)

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

		Source of p supply:	ower	MSEDCL						
		During Cor Phase: (Der Load)		NA as it is I	B2 Cat	egory Non-Coal M	ining Project			
		DG set as F back-up du construction	ring	NA						
Dox	Non	During Ope phase (Con load):		NA						
Power requirement:		During Open phase (Den load):		NA						
		Transforme	er:	MSEDCL						
		DG set as F back-up du operation p	ring	NA	NA					
		Fuel used:		NA						
		Details of he tension line through the any:	e passing	NA						
		48.Ene	rav savi	na by no	n-co	nventional m	nethod:			
Standard Ca	ables & Equ					ce will be done.				
					_	& % of savin	a.			
Serial		413	.Detail	carculati	0115	o or saving	y•			
Number	E	nergy Conse	ervation Me	easures			Saving %			
1			NA	4			NA			
		50 .	Details	of pollut	ion c	ontrol Syste	ms			
Source	Ex	isting pollut	tion contro	l system		Pro	posed to be installed			
Drilling & Blasting			NA	Sprinklers						
Budgetary		Capital cos	t:	0						
(Capital O&M		O & M cost	::	0						
51	.Envir	onment	al Mar	nageme	ent j	olan Budg	etary Allocation			
	Αλ,	a) (Construc	ction pha	ise (with Break-u	ıp):			
Serial Number	Attri	butes	Parar	meter		Total Cost p	per annum (Rs. In Lacs)			
1	Air Po	llution	SF	PM			2			
		b)	Operat	ion Phas	e (w	ith Break-up):			
Serial Number	Comp	onent	Descr	iption	Capital cost Rs. In Lacs Cost (Rs. in Lacs/y					
1	Dust Sup	pression	Dust,	t, SPM 4 0.8						
51.S	51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)									



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Description NA	Status NA	Location NA		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT NA	Consumption / Month in MT	Source of Supply	Means of transportation					
No Information Availab	ıle	52.A	ny Ot	her Info	rmation	1							
TWO INFORMATION TWO HARD	10	53.	Traffic Management										
		the junction ain road & of				oal Mining Pro	ject	6					
	Number basemer	and area of nt:	NA as i	t is B2 Cate	gory Non-C	oal Mining Pro	ject						
	Number podia:	and area of	NA as i	t is B2 Cate	gory Non-C	oal Mining Pro	ject						
	Total Pa	rking area:	NA as i	t is B2 Cate	gory Non-C	oal Mining Pro	ject						
	Area per					oal Mining Pro	•						
	Area per Number		NA as i	t is B2 Cate	gory Non-C	oal Mining Pro	ject						
Parking details:	Wheeler approve compete authorit	rs as d by ent	NA as it is B2 Category Non-Coal Mining Project										
	Number Wheeler approve compete authorit	rs as d by ent	NA as it is B2 Category Non-Coal Mining Project										
	Public T	ransport:	NA as it is B2 Category Non-Coal Mining Project										
	Width of roads (n	f all Internal	NA as it is B2 Category Non-Coal Mining Project										
	CRZ/ RR obtain, i	Z clearance f any:	NA										
S	Criticall areas / E	ed Areas / y Polluted Eco-sensitive nter-State	Sanjay Gandhi National Park at 16.75 km in NW										
	Category schedule Notifica		1 (a)										
	Court cases pending if any				NO								
	Other Re Informa		The project is of B2 Catrgory Non-coal Mining Project of 1.17 ha										
	submitte Applicat	u previously ed ion online F Website.	No										



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

	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 1.17 ha. at Shil Survey No. 218/B (p), Taluka Thane, District Thane.

DECISION OF SEAC



SEAC Meeting No: 165th -Day 3 Meeting Date: May 6, 2019 Signature:
Name: Dr. Umakant Gangatzeo Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

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

on above.

appropries? Abhay Pimparkar (Secretary

SEAC Meeting No: 165th -Day 3 Meeting Date: May 6, 2019

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Name: Dr. Umakant Gangatrao Dangat Dr. Umakant Dangat

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

SEAC Meeting number: 165th -Day 3 Meeting Date May 6, 2019

Subject: Environment Clearance for B2 Category Non Coal Mining

Is a Violation Case: No						
1.Name of Project	M/s. Mukesh And Company					
2.Type of institution	Private					
3.Name of Project Proponent	Mr. Gaurishankar Singh					
4.Name of Consultant	Goldfinch Engineering Systems Pvt. Ltd. Accreditation No: RA 0066					
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 as new Project					
8.Location of the project	Survey No.: 94/A					
9.Taluka	Thane					
10.Village	Adivali Bhuali					
Correspondence Name:	Mr. Gaurishankar Singh					
Room Number:	Reserve Forest No: 94/A					
Floor:	NA					
Building Name:	NA					
Road/Street Name:	Shil- Mahape Road					
Locality:	Adivali Butali					
City:	Thane					
11.Area of the project	Reserve Forest Area					
	Forest NOC					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval No: MP/PL/ADM/503/Part-3/ 2016/ 458					
	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 Fire Dept 2) Deputy Director DOG & Mining Kolhapur (Mining Plan Approval)					
15.Total Plot Area (sq. m.)	1.00 Ha					
16.Deductions	NA					
17.Net Plot area	Not 1.00 Ha= Total Plot Area= Net Plot Area					
	a) FSI area (sq. m.): Not applicable as it is Non coal mining B2 Category					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable as it is Non coal mining B2 Category					
	c) Total BUA area (sq. m.):					
	Approved FSI area (sq. m.): Not applicable as it is Non coal mining B2 Category					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): Not applicable as it is Non coal mining B2 Category					
	Date of Approval: 29-03-2016					
19.Total ground coverage (m2)	Not applicable as it is Non coal mining B2 Category					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable as it is Non coal mining B2 Category					
21.Estimated cost of the project	4000000					
22.77						

22. Number of buildings & its configuration

Abhay Pimparkar (Secretary SEAC-I)

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Dr. Umakant Dangat

(Chairman SEAC-I)

Serial number	Buildin	g Name &	number	Nu	mber of floors	Height o	of the building (Mtrs)			
1		1 small office	е		1		2.3			
23.Number tenants an		Not applica	ıble as it is N	on coal min	ng B2 Category					
24.Number expected rusers		Not applica	ble as it is N	on coal min	ng B2 Category					
25.Tenant density per hectare		Not applica	ble as it is N	on coal min	ng B2 Category					
26.Height building(s)										
27.Right o (Width of the from the number station to the proposed here)	the road earest fire	More than 2	More than 200 m							
28.Turning for easy ac fire tender movement around the excluding for the pla	from all building the width	Sufficient road is available for movement								
29.Existing		Small Office								
30.Details demolition disposal (I applicable	with f	Not applica	ble as it is N	on coal min	ng B2 Category					
			31.P	roduct	ion Details					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Гotal (MT/M)			
1	Stone	Metal			2500		2500			
		3	32.Tota	l Wate	r Requirem	ent				
		Source of	water	Tanker Wa	ter					
		Fresh water	er (CMD):	7.0						
	^ \	Recycled v Flushing (Not applicable						
	C	Recycled v Gardening		Not applicable						
	2	Swimming make up (Not applicable						
Dry season	1:	Total Wate Requirement:		7.0						
		Fire fighti Undergrou tank(CMD	ınd water	Not applica	ble					
		Fire fighti Overhead tank(CMD	water	Not applicable						
		Excess tre	ated water	Not applica	ble					
							lo a			

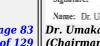
appearing Abhay Pimparkar (Secretary SEAC-I)

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

		Source of wa	tor	Tanker Wate	or						
		Fresh water (6.0	<u></u>						
		Recycled wat Flushing (CM	er -	Not applicab	ble						
		Recycled wat Gardening (C	er -	Not applicable							
		Swimming po make up (Cu		Not applicable							
Wet season: Total Water Requirement (CMD) :			6.0								
		Fire fighting Underground tank(CMD):	- l water	Not applicab	ble			.0			
		Fire fighting Overhead wa tank(CMD):	ter	Not applicab			2	S			
		Excess treate	ed water	Not applicab	ole						
Details of S pool (If any		Not applicable	as it is N	on coal minir	ng B2 Category	7	0				
		33.	.Detail	s of Total	l water co	nsume	d ^y				
Particula rs	Cons	sumption (CM	D)	I	Loss (CMD)		Eff	fluent (CMD)			
Water Require	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
ment				3			Laisting	11000000			
Domestic	0	1	1	0	0.5	1	0	0.5	0.5		
	0	1	1					_	0.5		
	0	1 Level of the (water table:			0.5			_	0.5		
	0	Level of the (Ground	0 0.5 to 14 m 1	0.5	1	0	0.5	0.5		
	0	Level of the (water table: Size and no otank(s) and	Ground of RWH	0 0.5 to 14 m l	0.5	1 coal mini	0 ng B2 Catego	0.5	0.5		
Domestic 34.Rain V Harvestin	Vater	Level of the (water table: Size and no of tank(s) and Quantity: Location of tank(s): Quantity of repits:	Ground of RWH he RWH	0 0.5 to 14 m l Not applicab	0.5 BGL ble as it is Non	1 coal mini	ng B2 Catego	0.5	0.5		
Domestic 34.Rain V	Vater	Level of the (water table: Size and no of tank(s) and Quantity: Location of the tank(s): Quantity of repits: Size of rechal:	Ground of RWH he RWH echarge	0 0.5 to 14 m l Not applicab Not applicab	0.5 BGL ble as it is Non ble as it is Non	coal mini	ng B2 Catego	0.5 Ory Ory	0.5		
Domestic 34.Rain V Harvestin	Vater	Level of the (water table: Size and no of tank(s) and Quantity: Location of tank(s): Quantity of rights: Size of rechation: Budgetary all (Capital cost)	Ground of RWH he RWH echarge rge pits location):	0 0.5 to 14 m l Not applicab Not applicab	0.5 BGL ble as it is Non ble as it is Non ble as it is Non	coal mini	ng B2 Catego	0.5 Ory Ory	0.5		
Domestic 34.Rain V Harvestin	Vater	Level of the (water table: Size and no of tank(s) and Quantity: Location of tank(s): Quantity of repits: Size of rechation: Budgetary al (Capital cost) Budgetary al (O & M cost)	Ground of RWH he RWH echarge rge pits location :	0 0.5 to 14 m l Not applicab Not applicab Not applicab Not applicab	0.5 BGL ble as it is Non ble as it is Non ble as it is Non	coal mini	ng B2 Catego	0.5 Ory Ory	0.5		
Domestic 34.Rain V Harvestin	Vater	Level of the (water table: Size and no of tank(s) and Quantity: Location of tank(s): Quantity of rights: Size of rechation: Budgetary all (Capital cost) Budgetary all	Ground of RWH he RWH echarge rge pits location :	0 0.5 to 14 m l Not applicate Not applicate Not applicate 0 0	0.5 BGL ble as it is Non ble as it is Non ble as it is Non	coal mini	ng B2 Catego ng B2 Catego ng B2 Catego	0.5 Ory Ory Ory	0.5		
Domestic 34.Rain V Harvestin	Vater	Level of the (water table: Size and no of tank(s) and Quantity: Location of ti tank(s): Quantity of r pits: Size of recha : Budgetary al (Capital cost) Budgetary al (O & M cost) Details of UG if any:	Ground of RWH he RWH echarge rge pits location : location :	0 0.5 to 14 m l Not applicate Not applicate Not applicate 0 0	0.5 BGL ble as it is Non	coal mini	ng B2 Catego ng B2 Catego ng B2 Catego	0.5 Ory Ory Ory	0.5		
34.Rain V Harvestin (RWH)	Vater	Level of the (water table: Size and no of tank(s) and Quantity: Location of ti tank(s): Quantity of repits: Size of rechation: Budgetary alterated (Capital cost) Budgetary alterated (O & M cost) Details of UC if any: Natural wated drainage path	Ground of RWH he RWH echarge rge pits location : T tanks	0 0.5 to 14 m l Not applicate Not applicate Not applicate 0 0	0.5 BGL ble as it is Non	coal mini	ng B2 Catego ng B2 Catego ng B2 Catego	0.5 Ory Ory Ory	0.5		
Domestic 34.Rain V Harvestin	Vater	Level of the C water table: Size and no of tank(s) and Quantity: Location of t tank(s): Quantity of r pits: Size of recha : Budgetary al (Capital cost) Budgetary al (O & M cost) Details of UG if any:	Ground of RWH he RWH echarge rge pits location : fT tanks	0 0.5 to 14 m l Not applicate Not applicate Not applicate O O Not applicate Garland Dra 16 mm per o	0.5 BGL ble as it is Non ble as it is Non	coal mini	ng B2 Catego ng B2 Catego ng B2 Catego	0.5 Ory Ory Ory	0.5		





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		Sewage ge in KLD:	neration	0.5 KLD							
		STP techn	ology:	Soak Pit							
Sewage	and	Capacity o (CMD):	f STP	500 lit							
Waste w		Location & the STP:	area of	NA							
		Budgetary (Capital co	allocation ost):	2 LAKHS							
		Budgetary (O & M cos	allocation st):	0							
		7	36.Soli	d waste Mana	gement	. 95					
Waste gene	eration in	Waste gen		Not applicable as it is No		jory					
the Pre Con and Constr phase:	nstruction	Disposal o constructi debris:	f the	Not applicable as it is No		12					
		Dry waste:		Not applicable as it is No	on coal mining B2 Cated	jory					
		Wet waste	•	Not applicable as it is No	on coal mining B2 Categ	jory					
Waste ge	neration	Hazardous	waste:	Not applicable as it is No	on coal mining B2 Categ	jory					
in the ope Phase:		Biomedical waste (If applicable):		Not applicable as it is Non coal mining B2 Category							
		STP Sludg sludge):	e (Dry	Not applicable as it is No	on coal mining B2 Categ	jory					
		Others if a	ny:	Over Burden soil or Mor	um will be used for plan	itation					
		Dry waste:		Not applicable as it is Non coal mining B2 Category							
		Wet waste		Not applicable as it is Non coal mining B2 Category							
N/ 1 C1	D: 1	Hazardous		A T							
Mode of I of waste:	Disposai	Biomedica applicable		Not applicable as it is Non coal mining B2 Category							
		STP Sludg sludge):	e (Dry	Not applicable as it is Non coal mining B2 Category							
		Others if a	ny:	Over Burden soil or Morum will be used for plantation							
		Location(s):	Reserve Forest Survey n Thane, State: Maharash		Taluka & District:					
Area requirem	ent:	Area for the of waste & material:		NA							
	GY	Area for m	achinery:	870 Sq. Mtr							
Budgetary		Capital cos	st:	Not applicable as it is No	on coal mining B2 Categ	jory					
(Capital co O&M cost)		O & M cos	t:	Not applicable as it is No	on coal mining B2 Categ	jory					
			37.Ef	fluent Charectere	estics						
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)					
1	Non coal	able as it is mining B2 NA		NA	NA	NA					
Amount of e			Not applica	able as it is Non coal mining B2 Category							
						la a					



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Dr. Umakant Dangat
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Capacity of	Capacity of the ETP: Not applicable as it is Non coal mining B2 Category											
	reated efflu	ent					on coal mining B2 Category					
recycled:												
	vater send to		_		ble as it is N							
	p of CETP (ii		_		ble as it is N							
	P technology the ETP sluc		-		able as it is Nable as it is N							
Disposal of	the ETP stud	ige								ory		
Serial			<u> </u>	8.На	zardous	was	te D	etail	lS			<u> </u>
Number		iption	С	at	UOM	Exis	ting	Prop	posed Tot		tal	Method of Disposal
1	Non coal	able as it is mining B2 egory	N	ΙA	NA	N	A	NA		N	A	NA
				39.St	tacks em	issio	n De	etails	S			
Serial Number	Section & units		F		sed with ntity	Stack	x No.	Heig fro grou level	om und	Inte diam (n	eter	Temp. of Exhaust Gases
1	Non coal	able as it is mining B2 egory		NA NA NA			A	N	A	NA		
40.Details of Fuel to be used												
Serial Number	Туг	e of Fuel			Existing			Prop	osed			Total
1		cable as it is ng B2 Cate			NA	NA					0	
41.Source	f Fuel			NA		Y						
42.Mode of	Transportat	ion of fuel t	o site	NA	77							
		Total RG	area :									
		No of tree	s to b	to be cut 0								
43.Gree		Number of be plante		s to	1200 numb	per of total tress e.g. Mango, Neem, Jamun etc						
Develop	ment	List of pronative tre	-	l	As per MPC	CB guideline						
	C	Timeline completic plantation	n of		As per MPC	CB guid	leline					
	44.Nu	mber an	d lis	t of t	rees spe	cies	to b	e pla	nte	d in t	the g	ground
Serial Number	Name of	the plant	C	ommo	n Name		Qua	ntity		Cha		eristics & ecological importance
1		ber of total ees	e.g	.: Man	go, Neem, nun		12	00			Ind	igenous species
45	.Total qua	ntity of pla	nts on	grou	nd							
46.Nun	ber and	list of s	hrub	s an	d bushes	spe	cies	to b	e pla	ante	d in	the podium RG:
Serial Number		Name C/C Dist										a m2
1		NA 0					0					
afr	Signature:									ture: Dr. Umakant Gaupeurao Dancat		

Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 165th -Day 3 Meeting Date: May 6, 2019

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Dr. Umakant Dangat
(Chairman SEAC-I)

47.Energy								
		Source of p	ower	MSEDCL				
		During Cor Phase: (De Load)		NA as it is I	32 Cat	egory Non coal Mi	ning	
			Power Iring on phase	NA				
Pov	MOM	During Openhase (Corload):		NA				
require		During Open phase (Der load):		NA	8			
		Transform	er:	MSEDCL				
		DG set as I back-up du operation J	ıring	NA	OV.			
		Fuel used:		NA				
		Details of l tension lin through th any:	e passing	NA				
		48.Ene	rav savi	na by no	n-coi	nventional m	nethod:	
Standard ca	ables & equi	oment & Tim				3		
	istos et oqui			_	ons	& % of savin	g:	
Serial Number	E	nergy Cons	ervation M	easures Saving %			Saving %	
1			NA	0				
		50.	Details	of polluti	ion c	ontrol Syste	ms	
Source	Ext	isting pollu		_				
NA		3 1-1-1	NA	- J			NA NA	
Budgetary	allocation	Capital cos	it:	0				
(Capital O&M	cost and	O & M cost		0				
				<u> </u>	ent 1	olan Buda	etary Allocation	
		<u> </u>				with Break-u	5	
Serial	9				-55 (
Number	Attril	outes	Parai	meter		Total Cost p	per annum (Rs. In Lacs)	
1	Drilling &	Blasting	Dı	ıst			2 Lakh	
		b)) Operat	ion Phas	e (w	ith Break-up):	
Serial Number	Comp	onent	Descr	iption	ption Capital cost R Lacs		Operational and Maintenance cost (Rs. in Lacs/yr)	
1	Dust Sup Plantation		Dι	ıst	5 La	akhs for 5 years	1 lakh	



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

Substances)										
Description	Status	Locatio	n	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.A	ny Ot	her Info	rmation	1				
No Information Availa	ble)_		
		53.	Traffi	c Manag	gement					
			Not Ap	plicable as	it is Non coa	al Mining	3			
	Number and area of basement:			Not Applicable as it is Non coal Mining						
	Number podia:	and area of	Not Applicable as it is Non coal Mining							
	Total Pa	rking area:	Not Applicable as it is Non coal Mining							
	Area per	r car:	Not Applicable as it is Non coal Mining							
	Area per	r car:	Not Applicable as it is Non coal Mining							
Parking details:	Number Wheeler approve competer authorit	rs as d by ent	Not Applicable as it is Non coal Mining							
	Wheeler approve compete	Number of 4- Wheelers as approved by competent authority:		Not Applicable as it is Non coal Mining						
	Public T	ransport:	Not Ap	plicable as	it is Non coa	al Mining				
1		Width of all Internal roads (m):		Sufficient width for vehicle movement						
^:	CRZ/ RF	RZ clearance	NA							

~	Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Ghandhi National Park- 17.9 KM
	Category as per schedule of EIA Notification sheet	1(a)
	Court cases pending if any	No
	Other Relevant Informations	Project is of B2 Category Non coal Mining of 1 Ha



SEAC Meeting No: 165th -Day 3 Meeting Date: May 6, 2019

NA

obtain, if any: **Distance from Protected Areas /**

> Name: Dr. Umakant Gangatrao Dangat **Page 87** Dr. Umakant Dangat (Chairman SEAC-I) of 129

	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	0-
Drainage pattern of the project	Not Applicable	
Ground water parameters	Not Applicable	
Solid Waste Management	Not Applicable	
Air Quality & Noise Level issues	Not Applicable	

Not Applicable

Energy Management
Traffic circulation
system and risk

assessment

Disaster

Landscape Plan

management system

and risk assessment
Socioeconomic

impact assessment Environmental

Management Plan
Any other issues
related to

environmental sustainability

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 Adivali Bhuvali Survey No.94-A, Taluka Thane, 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

on above.

appropries? Abhay Pimparkar (Secretary

SEAC Meeting No: 165th -Day 3 Meeting Date: May 6, 2019

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

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

SEAC Meeting number: 165th -Day 3 Meeting Date May 6, 2019

Subject: Environment Clearance for Category B2

Is a Violation Case: No						
1.Name of Project	Manoj Stone Crushing Company					
2.Type of institution	Private					
3.Name of Project Proponent	Mr. Satyadeo Komal Singh					
4.Name of Consultant	M/s. Goldfinch Engineering Systems Pvt. Ltd.					
5.Type of project	Project is B2 Category Non-Coal Mining					
6.New project/expansion in existing project/modernization/diversification in existing project						
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable as this is new project					
8.Location of the project	W.P.Forest Survey No. 104 Part,					
9.Taluka	Thane					
10.Village	Bhandarli,					
Correspondence Name:	Mr. Satyadeo Komal Singh					
Room Number:	NA					
Floor:	NA					
Building Name:	NA					
Road/Street Name:	W.P.Forest Survey No. 104 Part,					
Locality:	Bhandarli, Post: Dahisar					
City:	Thane					
11.Area of the project	Other Area					
	NA Project is B2 Category Non-Coal Mining					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval No. ML/PL/Adm/503/Part 2/2016/467					
	Approved Built-up Area:					
13.Note on the initiated work (If applicable)	Not applicable					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	1) NOC from Thane Forest Division 2) Deputy Director, DGM Kolhapur (Mining Plan Approval)					
15.Total Plot Area (sq. m.)	1.2 Ha					
16.Deductions	NA Project is B2 Category Non-Coal Mining					
17.Net Plot area	1.2 Ha Total Plot Area= Net Plot Area					
	a) FSI area (sq. m.): NA Project is B2 Category Non-Coal Mining					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): NA Project is B2 Category Non-Coal Mining					
	c) Total BUA area (sq. m.):					
	Approved FSI area (sq. m.): NA Project is B2 Category Non-Coal Mining					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): NA Project is B2 Category Non-Coal Mining					
	Date of Approval: 29-03-2016					
19.Total ground coverage (m2)	NA Project is B2 Category Non-Coal Mining					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA Project is B2 Category Non-Coal Mining					
21.Estimated cost of the project	2256000					
	h C h 1 1 1 C - 1 1 1					

22. Number of buildings & its configuration

Abhay Pimparkar (Secretary SEAC-I)

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Signature:

Name: Dr. Umakant Gangetreo Dangat

Dr. Umakant Dangat

(Chairman SEAC-I)

Serial number	Buildin	g Name &	number	Nu	mber of floors	Height of the building (Mtrs)				
1		Small Office			1	Not applicable				
23.Number tenants an		Not applica	ble as Projec	ct is B2 Cate	t is B2 Category Non-Coal Mining					
24.Number expected rusers		Not applica	ble as Projec	et is B2 Category Non-Coal Mining						
25.Tenant per hectar		Not Not ap	plicable as P	roject is B2	roject is B2 Category Non-Coal Mining					
26.Height building(s)										
27.Right of (Width of the from the notation to the proposed here)	the road earest fire	Not applica	ble as Projec	ct is B2 Cate	gory Non-Coal Mining	258				
28.Turning for easy ac fire tender movement around the excluding for the pla	from all building the width	of all ding idth Sufficient Road width is available for movement								
29.Existing structure (Small Office	е		000					
demolition	30.Details of the demolition with disposal (If applicable)			ct is B2 Cate	gory Non-Coal Mining					
			31.P	roduct	tion Details					
Serial Number	Pro	duct	Existing	(MT/M) Proposed (MT/M)		Total (MT/M)				
1	Stone	Metal)	2500	2500				
		3	32.Tota	l Wate	r Requiremen	nt				
		Source of	water	Tanker Wa	ter					
		Fresh water	er (CMD):	7.5	7.5					
	^ \	Recycled v Flushing (Not applicable						
	C	Recycled v Gardening		Not applicable						
	7	Swimming make up (Not applicable						
Dry season	1:	Total Wate Requirement:		7.5						
		Fire fighti Undergrou tank(CMD	ınd water	Not applica	able					
		Fire fighti Overhead tank(CMD	water	Not applicable						
		Excess tre	ated water	Not applica	able					
		- 1				,				

agregatives Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 165th -Day 3 Meeting Date: May 6, 2019

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

Source of water			Tanker Water								
	ŀ	Fresh water (6	, <u> </u>						
		Recycled wat Flushing (CM	er -	Not applicable							
		Recycled wat Gardening (C		Not applicab	Not applicable						
	Swimming pool make up (Cum):			Not applicab	ole						
Wet season:	Wet season: Total Water Requirement (CMD) :		6								
		Fire fighting Underground tank(CMD):	- l water	Not applicab	ole			. %			
		Fire fighting Overhead wat tank(CMD):		Not applicab	ole			C			
		Excess treate	d water	Not applicab	ole						
Details of Swingool (If any)	mming	Not Applicable)			C	0				
		33.	Detail	s of Total	l water cor	sume	d				
Particula rs	Cons	umption (CM	D)	I	oss (CMD)		Effluent (CMD)				
Water Require Ex ment	xisting	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	0	1	1	0	0.5	0.5	0	0.5	0.5		
		Level of the (water table:	Ground	05 to 14 m bgl							
		Size and no of RWH tank(s) and Ouantity:		Not applicable as Project is B2 Category Non-Coal Mining							
		tank(s) and Quantity:	I KWII	Not applicab	ole as Project is	B2 Cate	gory Non-Coa	ll Mining			
					ole as Project is						
34.Rain Wat Harvesting	ter	Quantity: Location of t	he RWH	Not applicab		s B2 Cate	gory Non-Coa	al Mining			
	ter	Quantity: Location of the tank(s): Quantity of repits: Size of rechance:	ne RWH echarge rge pits	Not applicab	ole as Project is	B2 Cate	gory Non-Coa	al Mining			
Harvesting	ter	Quantity: Location of the tank(s): Quantity of repits: Size of rechance: Budgetary all (Capital cost)	he RWH echarge rge pits location	Not applicab	ole as Project is	B2 Cate	gory Non-Coa gory Non-Coa gory Non-Coa	al Mining al Mining			
Harvesting	ter	Quantity: Location of the tank(s): Quantity of repits: Size of rechance: Budgetary all (Capital cost) Budgetary all (O & M cost)	ne RWH echarge rge pits location :	Not applicable Not applicable Not applicable Not applicable	ole as Project is ole as Project is	B2 Cate	gory Non-Coa gory Non-Coa gory Non-Coa gory Non-Coa	al Mining al Mining al Mining al Mining			
Harvesting	ter	Quantity: Location of the tank(s): Quantity of repits: Size of rechance: Budgetary all (Capital cost) Budgetary all	ne RWH echarge rge pits location :	Not applicable Not applicable Not applicable Not applicable Not applicable	ole as Project is ole as Project is ole as Project is ole as Project is	B2 Cates B2 Cates B2 Cates B2 Cates B2 Cates B2 Cates	gory Non-Coa gory Non-Coa gory Non-Coa gory Non-Coa gory Non-Coa	al Mining al Mining al Mining al Mining			
Harvesting	ter	Quantity: Location of the tank(s): Quantity of repits: Size of rechance: Budgetary all (Capital cost) Budgetary all (O & M cost) Details of UG	ne RWH echarge rge pits location :	Not applicable Not applicable Not applicable Not applicable Not applicable	ole as Project is ole as Project is ole as Project is ole as Project is	B2 Cates B2 Cates B2 Cates B2 Cates B2 Cates B2 Cates	gory Non-Coa gory Non-Coa gory Non-Coa gory Non-Coa gory Non-Coa	al Mining al Mining al Mining al Mining			
Harvesting (RWH)		Quantity: Location of the tank(s): Quantity of repits: Size of rechance: Budgetary all (Capital cost) Budgetary all (O & M cost) Details of UG	he RWH echarge rge pits location : location :	Not applicable Not applicable Not applicable Not applicable Not applicable	ole as Project is ole as Project is ole as Project is ole as Project is ole as Project is	B2 Cates B2 Cates B2 Cates B2 Cates B2 Cates B2 Cates	gory Non-Coa gory Non-Coa gory Non-Coa gory Non-Coa gory Non-Coa	al Mining al Mining al Mining al Mining			
Harvesting		Quantity: Location of the tank(s): Quantity of repits: Size of rechance: Budgetary all (Capital cost) Budgetary all (O & M cost) Details of UG if any: Natural water	ne RWH echarge rge pits location : T tanks	Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable	ole as Project is ole as Project is ole as Project is ole as Project is ole as Project is	B2 Cates B2 Cates B2 Cates B2 Cates B2 Cates B2 Cates	gory Non-Coa gory Non-Coa gory Non-Coa gory Non-Coa gory Non-Coa	al Mining al Mining al Mining al Mining			



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(Chairman SEAC-I)

		Sewage gein KLD:	neration	0.5 KLD						
		STP techno	ology:	Soak Pits						
Sewage	Sewage and		f STP	0.5 KLD						
Waste w		Location & the STP:	area of	NA						
		Budgetary (Capital co		3.3						
		Budgetary (O & M cos		0						
		3	6.Soli	d waste Mana	gement	.8				
Waste gen	eration in	Waste gen	eration:	Overburden Soil or Mor	rum will be used for plan	tation				
	nstruction	Disposal of construction debris:		Not applicable as Projec	t is B2 Category Non-Co	al Mining				
		Dry waste:		Not applicable as Projec	et is B2 Category Non-Co	al Mining				
		Wet waste:		Not applicable as Projec	et is B2 Category Non-Co	al Mining				
Waste ge	neration	Hazardous waste:		Not applicable as Project is B2 Category Non-Coal Mining						
in the op Phase:		Biomedica applicable)		Not applicable as Projec	et is B2 Category Non-Co	al Mining				
		STP Sludge sludge):	e (Dry	Not applicable as Projec	t is B2 Category Non-Co	al Mining				
		Others if a	ny:	Top Soil or Morrum will	be used for plantation					
		Dry waste:		Not applicable as Projec	t is B2 Category Non-Co	al Mining				
		Wet waste:		Not applicable as Project is B2 Category Non-Coal Mining						
		Hazardous	waste:	Not applicable as Project is B2 Category Non-Coal Mining						
Mode of i		Biomedical waste (If applicable):		Not applicable as Project is B2 Category Non-Coal Mining						
or waste.		STP Sludge sludge):	e (Dry	Not applicable as Project is B2 Category Non-Coal Mining						
		Others if a	ny:	Top Soil or Morrum, weathered basalt is used for making roads, development of infrastructure, filling for landscaping to develop greenery						
	7	Location(s):	W.P.Forest Survey no. 104 Part						
Area requirem	ent:	Area for th of waste & material:		Not Applicable						
	9	Area for m	achinery:	4000 Sq. Mts						
	allocation	Capital cos	st:	Not applicable as Projec	t is B2 Category Non-Co	al Mining				
(Capital co O&M cost)		O & M cost	t:	Not applicable as Projec	et is B2 Category Non-Co	al Mining				
			37.Ef	fluent Charectere						
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)				
1	Project is E	pplicable as s B2 Category NA Coal Mining		NA	NA	Na				
Non-coo										



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(Chairman SEAC-I)

Amount of effluent generation (CMD) Not applicable as Project is B2 Category Non-Coal Mining											
(CMD):											
	the ETP: created efflue	ent			able as Project is B2 Category Non-Coal Mining able as Project is B2 Category Non-Coal Mining						
recycled:		- th - OETD									
		tter send to the CETP: Not applicable as Project is B2 Category Non-Coal Mining									
		CETP (if require): Not applicable as Project is B2 Category Non-Coal Mining									
	P technology		Not applicable as Project is B2 Category Non-Coal Mining								
Disposal of	the ETP sluc	ige	Not applicable as Project is B2 Category Non-Coal Mining								
	38.Hazardous Waste Details										
Serial Number	Descr	iption	Ca	at	UOM	Existing	Proposed	Total	Method of Disposal		
1	Project is E	icable as 32 Category al Mining	N	A	NA	NA	NA	NA	NA		
			3	9.St	acks em	ission D	etails				
Serial Number	Section	& units	linite		ed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	Project is E	icable as 32 Category al Mining		N	Ā	NA	NA	NA	NA		
			4().De	tails of I	uel to b	e used				
Serial Number	Тур	e of Fuel			Existing		Prop	osed	Total		
1	B2 Cate	able as Proje gory Non-Co Mining			NA		NA		NA		
41.Source	of Fuel			Quarrying Operation is only performed in day time & does not require High Tension Electric Power Supply							
42.Mode of	Transportat	ion of fuel to	site								
		-									
		Total RG a	rea :		As per Min	e Closure Pla	n				
		No of trees	s to be	cut	0						
43.Gree		Number of be planted		to	1250						
Develop	ment	List of pro native tree			As Per MPC	CB Guidlines					
		Timeline f completion plantation	n of		As Per MPO	CB Guidlines					
	44.Nu	mber and	l list	of t	rees spe	cies to b	e plante	d in the g	ground		
Serial Number	Name of	the plant	Co	ommo	n Name	Quantity			eristics & ecological importance		
1	Magnife	ra Indica		Mang	o Tree	include ma	of trees ngo will be 50	Indi	Indigenous species		



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Signature:
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(Chairman SEAC-I)

2	Syzyjiun	n Cumini	Jamur	n Tree	Total no include Jar 12		Indigenous Species		
3	Azadirac	hta indica Neem		ı Tree	Total no. of include Neen 1250		Indigenous Species		
4	Tamaran	dus indica	Tama	arind	Total no include Tar be 1		Indigenous Species		
45	.Total qua	ntity of plants on	groui	nd					
46.Num	ber and	list of shrub	s an	d bushes	species	to be pla	anted in the podium RG:		
Serial Number		Name		C/C Dista	nce		Area m2		
1		NA		NA			NA		
				47.Eı	nergy				
		Source of power supply:	r	MSEDCL			201		
		During Construction Phase: (Demand Load)		NA as it is I	NA as it is B2 Category Non-Coal Mining Project				
		DG set as Power back-up during construction phase		NA	NA				
		During Operation phase (Connected load):		NA	NA				
Pov require		During Operation phase (Demand load):		NA					
		Transformer:	.4	NA					
		DG set as Power back-up during operation phase:		NA					
		Fuel used:	7	NA					
		Details of high tension line pas through the plo any:		NA					
		48.Energy	savi	ng by no	n-conver	ntional m	ethod:		
Standard Ca	ables & Equ	ipment' will be use	d and	timely maint	enance will	be done.			
	5	49.De	tail	calculati	ons & %	of saving	g:		
Serial Number	E	nergy Conservat	ion Mo	easures			Saving %		
1		NA					NA		
		50.Det	ails	of pollut	ion conti	rol Syste	ms		
Source	Ex	isting pollution (contro	l system		Proposed to be installed			
Drilling & Blasting		NA					Sprinklers		



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

Budgetary	allocation	Capital co	est:	NA							
(Capital O&M		O & M cos		NA							
51	Fnvir	onmen	tal Mar	nagei	ment r	lan Bı	ıdaa	etarv	Alloca	ation	
	<u></u>		Construc								
Serial Number	Attr	ibutes	Parai	meter						Lacs)	
1	1	NA	N	ΙΑ				NA			
		h) Operat	ion Pl	nase (wi	th Brea	k-up)):			
Serial Number	Com	ponent	Descr	iption	Capi	tal cost Rs Lacs	s. In		tional and ost (Rs. in	Maintenance Lacs/yr)	
1	Dust Su	ppression	Dust,	SPM		4.5			0.9		
51.S	torage	e of che	micals	(infl	amabl	e/expl	osiv	e/haz	zardou	s/toxic	
				sub	stance	s)					
Descrij	ption	Status	Location		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	/ Mo	umption nth in MT	Source of Supply	Means of transportation	
NA	7	NA	NA		NA	NA]	NA	NA	NA	
			52.A	ny Ot	her Info	rmation	ı				
No Informa	tion Availal	ole									
			53.	Traffi	c Manag	gement					
		Nos. of the to the made design of confluence		NA as it is B2 Category Non-Coal Mining Project							
		Number a basement	nd area of	NA as it is B2 Category Non-Coal Mining Project							
		Number a podia:	nd area of	NA as it is B2 Category Non-Coal Mining Project							
		Total Parl	king area:	NA as i	t is B2 Cate	gory Non-C	Coal Mi	ning Proj	ject		
		Area per o		NA as it is B2 Category Non-Coal Mining Project							
Parking details:		Number of Wheelers approved	Area per car: Number of 2- Wheelers as approved by competent		NA as it is B2 Category Non-Coal Mining Project NA as it is B2 Category Non-Coal Mining Project						
		Number of Wheelers approved competen authority:	as by t	NA as it is B2 Category Non-Coal Mining Project							
		Public Tra		NA as i	t is B2 Cate	gory Non-C	Coal Mi	ning Proj	ject		
		Width of a roads (m)	all Internal :	NA as i	t is B2 Cate	gory Non-C	Coal Mi	ning Proj	ject		



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Dr. Umakant Dangat
(Chairman SEAC-I)

	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park is at 17.5 in NW direction
	Category as per schedule of EIA Notification sheet	1 (a)
	Court cases pending if any	No
	Other Relevant Informations	The project is of B2 Catrgory Non-coal Mining Project of 1.20 ha
	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 informa	tion of the project by SEAC

Abhay Pimparkar (Secretary SEAC-I)

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

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 1.20 ha. at Bhadarli W.P. Forest Survey No.104 (p), Taluka Thane, 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

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

appropries: Abhay Pimparkar (Secretary

SEAC Meeting No: 165th -Day 3 Meeting Date: May 6, 2019

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

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

SEAC Meeting number: 165th -Day 3 Meeting Date May 6, 2019

Subject: Environment Clearance for Environmental Clearance for Catrgory B2

Is a Violation Case: No	
1.Name of Project	M/s. Ram Stone Quarries
2.Type of institution	Private
3.Name of Project Proponent	Mr. Mohansingh Managalsingh Sodhi
4.Name of Consultant	M/s. Goldfinch Engineering Systems Pvt. Ltd.
5.Type of project	Project is B2 Category Non-Coal 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	Not Applicable as this is new project
8.Location of the project	R.F. Survey No. 78/A
9.Taluka	Thane
10.Village	Ilthan Phada
Correspondence Name:	Mr. Mohansingh Managalsingh Sodhi
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	Survey no 78/A, Ilthan Pada, Thane - Belapur Road
City:	Thane
11.Area of the project	Other Area
	NA Project is B2 Category Non-Coal Mining
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval No. ML/PL/MIN-Adm/503/Part-3/2017/455
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	1) NOC from Thane Forest Division 2) Deputy Director, DGM Kolhapur (mining Plan Approval)
15.Total Plot Area (sq. m.)	0.61 Ha
16.Deductions	NA Project is B2 Category Non-Coal Mining
17.Net Plot area	0.61 Ha Net Plot Area= Total Plot Area
	a) FSI area (sq. m.): NA Project is B2 Category Non-Coal Mining
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): NA Project is B2 Category Non-Coal Mining
	c) Total BUA area (sq. m.):
	Approved FSI area (sq. m.): NA Project is B2 Category Non-Coal Mining
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): NA Project is B2 Category Non-Coal Mining
	Date of Approval: 17-04-2017
19.Total ground coverage (m2)	NA Project is B2 Category Non-Coal Mining
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA Project is B2 Category Non-Coal Mining
21.Estimated cost of the project	2950000
22.Num	ber of buildings & its configuration

appropriess of Abhay Pimparkar (Secretary

SEAC-I)

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

Serial number	Buildin	g Name &	number	Nu	umber of floors	Height of the building (Mtrs)			
1		Small Office	;	1 2.5					
23.Number tenants an		NA Project	is B2 Catego	ory Non-Coal Mining					
24.Number expected rusers		NA Project	is B2 Catego	ory Non-Coal	Mining				
25.Tenant per hectar		NA Project	is B2 Catego	ory Non-Coal	Mining				
26.Height building(s)									
27.Right of (Width of the from the number of the station to the proposed by	the road earest fire the	NA Project	is B2 Catego	ory Non-Coal	Mining	258			
28.Turning for easy ac fire tender movement around the excluding for the pla	from all building the width	NA Project	300						
29.Existing structure (Small Office	e		00				
30.Details demolition disposal (I applicable)	with f	NA Project	is B2 Catego	ory Non-Coal	Mining				
			31.P	roduct	tion Details				
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Stone	Metal		1400		1400			
		3	32.Tota	l Wate	r Requiremen	ıt			
		Source of	water	Tanker Wa	ter				
		Fresh water	er (CMD):	7.5					
	^	Recycled v Flushing (Not applicable					
	C	Recycled v Gardening		Not applicable					
		Swimming make up (Not applicable					
Dry season:		Total Wate Requirement:		7.5					
		Fire fighti Undergrou tank(CMD	and water	Not applicable					
		Fire fighti Overhead tank(CMD	water	Not applicable					
		Excess tre	ated water	Not applica	ible				
						1.			

agregatives Abhay Pimparkar (Secretary SEAC-I)

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		Source of wa	tor	Tanker Wate	ar						
		Fresh water (6							
Recycled water - Flushing (CMD): Recycled water - Gardening (CMD):		Recycled wat	er -	Not applicable							
			Not applicab	ole							
		Swimming po make up (Cu		Not applicab	ole						
Wet season	1:	Total Water Requirement :	(CMD)	6							
		Fire fighting Underground tank(CMD):	- l water	Not applicab	ole			9			
		Fire fighting Overhead war tank(CMD):		Not applicab	ble			C			
		Excess treate	d water	Not applicab	ole						
Details of S pool (If any		Not Applicable)								
		33.	Detail	s of Total	water co	nsume	d				
Particula rs	Cons	umption (CM	D)	I	oss (CMD)	5	Effluent (CMD)				
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	0	01	01	0	0.5	0.5	0	0.5	0.5		
		Level of the (water table:	Ground	05 to 14 m bgl							
		Size and no of RWH tank(s) and Quantity:		NA Project is B2 Category Non-Coal Mining							
		Location of the RWH tank(s):		NA Project is B2 Category Non-Coal Mining							
34.Rain V Harvestin		Quantity of r	echarge	NA Project is B2 Category Non-Coal Mining							
(RWH)		Size of recha		NA Project is B2 Category Non-Coal Mining							
	GY	Budgetary al (Capital cost):	NA Project is B2 Category Non-Coal Mining							
		Budgetary allocation (O & M cost) :		NA Project is B2 Category Non-Coal Mining							
Details of UGT tanks if any :				3							
		Details of UG			s B2 Category	Non-Coal	Mining				
		Details of UG			s B2 Category	Non-Coal	Mining				
35 Storm	Matan	Details of UG	T tanks			Non-Coal	Mining				
35.Storm drainage	water	Details of UG if any:	T tanks	NA Project is		Non-Coal	Mining				



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		Sewage ge in KLD:	neration	0.5 KLD						
	Sewage and Waste water		ology:	Soak Pits						
Sowago			f STP	0.5 KLD						
			area of	NA						
		Budgetary (Capital co	allocation st):	3.0						
		Budgetary (O & M cos	allocation st):	0						
		3	6.Soli	d waste Mana	gement	. %				
Waste gen	eration in	Waste gen	eration:	Overburden Soil or Mor	rum will be used for plan	tation				
	nstruction	Disposal or construction debris:		Not applicable as Projec	et is B2 Category Non-Co	al Mining				
		Dry waste:		Not applicable as Projec	ct is B2 Category Non-Co	al Mining				
		Wet waste	1	Not applicable as Projec	et is B2 Category Non-Co	al Mining				
Waste de	eneration	Hazardous	waste:	Not applicable as Projec	ct is B2 Category Non-Co	al Mining				
in the op Phase:		Biomedica applicable		Not applicable as Project is B2 Category Non-Coal Mining						
		STP Sludge (Dry sludge):		Not applicable as Project is B2 Category Non-Coal Mining						
		Others if a	ny:	Top Soil or Morrum will	be used for plantation					
		Dry waste:		Not applicable as Project is B2 Category Non-Coal Mining						
		Wet waste	:	Not applicable as Project is B2 Category Non-Coal Mining						
		Hazardous	waste:	Not applicable as Project is B2 Category Non-Coal Mining						
Mode of I	-	Biomedical waste (If applicable):		Not applicable as Project is B2 Category Non-Coal Mining						
or waste:		STP Sludge (Dry sludge):		Not applicable as Project is B2 Category Non-Coal Mining						
		Others if any:		Top Soil or Morrum, weathered basalt is used for making roads, development of infrastructure, filling for landscaping to develop greenery						
	^	Location(s):		R.F. Survey no.78/A, Ilthan Pada, Thane - Belapur Road, District: Thane, Maharashtra						
Area requirem	ent:	Area for the of waste & material:		Not Applicable						
		Area for m	achinery:	Other and Un-Used Area	a 2161 Sq. Mtr					
Budgetary allocation (Capital cost and O&M cost): Capital cost: O & M cost:		st:	Not applicable as Projec	et is B2 Category Non-Co	al Mining					
		O & M cos	t:	Not applicable as Project	ct is B2 Category Non-Co	al Mining				
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			37.Ef	fluent Charecter						
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)				
1	Project is E	icable as 32 Category al Mining	NA	NA	NA	NA				
	1									



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Amount of e	effluent gene	eration	Not applica	able as Proje	ct is B2 Ca	ateg	gory Non-Co	al Mini	ing		
Capacity of	the FTP		Not applicable as Project is B2 Category Non-Coal Mining								
	reated efflue	ent	Not applicable as Project is B2 Category Non-Coal Mining Not applicable as Project is B2 Category Non-Coal Mining								
Amount of v	vater send to	o the CETP:	Not applica	ıble as Proje	ct is B2 Ca	ateç	gory Non-Co	al Mini	ing		
Membershi	p of CETP (if	f require):	Not applica	ıble as Proje	ct is B2 Ca	ateg	gory Non-Co	al Mini	ing		
Note on ET	P technology	to be used	Not applica	Not applicable as Project is B2 Category Non-Coal Mining							
Disposal of	the ETP sluc	lge	Not applica	ıble as Proje	ct is B2 Ca	ateç	gory Non-Co	al Mini	ing		
	38.Hazardous Waste Details										
Serial Number	Descr	iption	Cat	UOM	Existin	g	Proposed	Tot	al	Method of Disposal	
1	Project is E	icable as 2 Category 1 Mining	NA	NA	NA		NA	N	A	NA	
			39.St	tacks em	ission	De	etails				
Serial Number	Section	& units		sed with ntity	Stack No.		Height from ground level (m)	Interdiam (m	eter	Temp. of Exhaust Gases	
1	Project is E	icable as 32 Category 11 Mining	N	ΙA	NA NA		N	A NA			
			40.De	tails of I	Fuel to	be	used				
Serial Number	Тур	e of Fuel		Existing Propos			Proposed	Total		Total	
1	B2 Cate	able as Proje gory Non-Co Mining		S NA NA NA				NA			
41.Source	f Fuel		Not applicable as Project is B2 Category Non-Coal Mining								
42.Mode of	Transportat	ion of fuel to	site Not a	pplicable as	Project is	В2	Category N	Ion-Coa	al Min	ing	
		Total RG a	rea: As per Mine Closure Plan								
		No of trees	s to be cut 0								
43.Gree		Number of be planted		1050							
Develop	ment	List of pro native tree		As Per MPC	er MPCB Guidlines						
	Timeline f completion plantation			As Per MP0	CB Guidlin	es					
	44.Nu	mber and	l list of t	rees spe	cies to	be	plante	d in t	he ç	ground	
Serial Number	Name of	the plant	Commo	n Name	Q	uar	ntity	Cha	Characteristics & ecologica importance		
1	Mangnife	era Indica	Mang	o Tree	Total no. of trees			digenous Tree			



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2	Syzyjiur	n Cumini	Jamui	n Tree	Total no. include Jan 10		Indigenous Tree		
3	Azadirac	hta indica	Neen	n Tree	Total no. of trees include Neem will b		Indigenous Tree		
4	Tamaran	dus indica	Tam	arind	Total no. include Tai be 1		Indigenous Tree		
45	.Total qua	ntity of plants or	grou	nd					
46. Number and list of shrubs and bushes species to be planted in the podium RG:									
Serial Number		Name		C/C Dista	nce		Area m2		
1		NA		NA			NA		
				47.Eı	nergy				
		Source of powe supply:	r	MSEDCL			201		
		During Constru Phase: (Demand Load)		NA as it is I	32 Category	Non-Coal Mi	ning Project		
		DG set as Power back-up during construction phase		NA	NA				
		During Operation phase (Connected load):		NA					
requir	wer ement:	During Operati phase (Demand load):		n NA					
		Transformer:		NA					
		DG set as Power back-up during operation phase:		NA	NA				
		Fuel used:	7	NA					
	Details of high tension line pass through the plot any:			NA					
		48.Energy	savi	ng by no	n-conven	ntional m	ethod:		
Standard C	ables & Equ	ipment' will be use	ed and	timely maint	enance will	be done.			
	5,	49.De	etail	calculati	ons & %	of saving	g:		
Serial Number	F	Energy Conservat	ion M	easures			Saving %		
1		NA					NA		
		50.Det	ails	of pollut	ion conti	rol Syste	ms		
Source	Ex	isting pollution	contro	ol system		Pro	posed to be installed		
Drilling & Blasting		NA					Sprinklers		



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	udgetary allocation Capital cost:			NA								
(Capital O&M	cost and cost):	0 & M c	ost:	NA								
51	.Envir	onme	ntal Mar	nager	nent p	lan Bu	ıdg	etary	Alloca	ation		
		a) Construc	ction p	hase (v	vith Bre	ak-u	p):				
Serial Number	Attri	butes	Parai	meter		Total (Cost p	er annu	m (Rs. In I	Lacs)		
1	N	ΙA	N	ΙA				NA				
			b) Operat	ion Ph	ase (wi	th Breal	k-up):				
Serial Number	Comp	onent	Descr	ription	Capi	tal cost Rs Lacs	. In		tional and ost (Rs. in	Maintenance Lacs/yr)		
1	Dust Su	ppression	Dust	,SPM		4.0			0.8			
51.S	torage	of ch	emicals	(infla	amabl	e/expl	osiv	e/haz	zardou	s/toxic		
				subs	stance	es)						
Description		Status	Locatio	n	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 as it Category 1 Mining 1	Non-Coal	NA	NA		NA NA		NA		NA	NA		
			52.A	ny Oth	ner Info	rmation	l					
No Informa	tion Availab	le										
			53.	Traffic	Mana g	gement						
			1	NA as it	; is B2 Cate	gory Non-C	oal M	ining Proj	ject			
	Si	C										

	Number and area of basement:	NA as it is B2 Category Non-Coal Mining Project
	Number and area of podia:	NA as it is B2 Category Non-Coal Mining Project
	Total Parking area:	NA as it is B2 Category Non-Coal Mining Project
	Area per car:	NA as it is B2 Category Non-Coal Mining Project
	Area per car:	NA as it is B2 Category Non-Coal Mining Project
Parking details:	Number of 2- Wheelers as approved by competent authority:	NA as it is B2 Category Non-Coal Mining Project
	Number of 4- Wheelers as approved by competent authority:	NA as it is B2 Category Non-Coal Mining Project
	Public Transport:	NA as it is B2 Category Non-Coal Mining Project
	Width of all Internal roads (m):	NA as it is B2 Category Non-Coal Mining Project
	CRZ/ RRZ clearance obtain, if any:	NA as it is B2 Category Non-Coal Mining Project
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park at 18.50 km in NW
	Category as per schedule of EIA Notification sheet	1 (a)
	Court cases pending if any	NO
	Other Relevant Informations	The project is of B2 Catrgory Non-coal Mining Project of 1.20 ha
	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	

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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 0.61 ha. at Ilthan Pada Survey No.78/A, Taluka Thane, 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.

Abhay Pimparkar (Secretary

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

SEAC Meeting number: 165th -Day 3 Meeting Date May 6, 2019

Subject: Environment Clearance for Stone Quarry B2 Category Non Coal Mining

Is a Violation Case: No	
1.Name of Project	Mangalsingh & Company
2.Type of institution	Private
3.Name of Project Proponent	Mr. Kashmir Mangalsingh Sodhi
4.Name of Consultant	M/s.Goldfinch Engineering Systems Pvt. Ltd.
5.Type of project	Others
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 as this is new project
8.Location of the project	R.F. Survey No.78/A, Thane-Belapur Road,
9.Taluka	Thane
10.Village	Ilthan Pada
Correspondence Name:	Mr. Kashmir Mangalsingh Sodhi
Room Number:	office no. 3
Floor:	NA
Building Name:	Aaram Baug Estate Building
Road/Street Name:	Veer Savarkar Path
Locality:	Near Lokmanya Society
City:	Thane
11.Area of the project	Other Area
	NA as it is B2 Category Non Coal Mining Project
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval No. ML/PL/MIN-ADM/503/Part-3/2017/456
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	NA as it is B2 Category Non Coal Mining Project
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	1) NOC from Thane Forest Division. 2)Deputy Director, DGM Kolhapur (Mining Plan Approval)
15.Total Plot Area (sq. m.)	/1.0 Ha
16.Deductions	NA as it is B2 Category Non Coal Mining Project
17.Net Plot area	1.0 Ha Net Plot Area= Total Plot Area
10 (c) Posses I Political Conference	a) FSI area (sq. m.): NA as it is B2 Category Non Coal Mining Project
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): NA as it is B2 Category Non Coal Mining Project
	c) Total BUA area (sq. m.):
10 (b) A	Approved FSI area (sq. m.): NA as it is B2 Category Non Coal Mining Project
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): NA as it is B2 Category Non Coal Mining Project
	Date of Approval: 17-04-2017
19.Total ground coverage (m2)	NA as it is B2 Category Non Coal Mining Project
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA as it is B2 Category Non Coal Mining Project
21.Estimated cost of the project	3050000
22 Ni	har of huildings S- its configuration

22. Number of buildings & its configuration

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Serial number	Buildin	g Name & 1	number	Nu	mber of floors	Height of the building (Mtrs)		
1		Small office	Small office 1 2.5					
	23.Number of tenants and shops NA as it is B2 Category Non Coal Mining Project							
24.Number of expected residents / users NA as it is B2 Category Non Coal Mining Project								
25.Tenant per hectar		NA as it is B2 Category Non Coal Mining Project						
26.Height building(s)								
station to	f the road nearest fire NA as it is 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 is available for movement								
	29.Existing structure (s) if any Small Office							
30.Details demolition disposal (I applicable)	with f	NA as it is I	32 Category	Non Coal M	ining Project			
			31.P	roduct	ion Details			
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)		
NA as it is B2 Category Non Coal Mining Project 1 1400					1400	1400		
	32.Total Water Requirement							
32.10tal water kequirement								



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	Source of wat	ter	Tanker Wate	er							
	Fresh water (CMD):	7.5								
	Recycled water Flushing (CM		Not applicab	ble							
	Recycled wate Gardening (C		Not applicab	Not applicable							
	Swimming po make up (Cur		Not applicable								
Dry season:	Total Water Requirement :	(CMD)	7.5								
	Fire fighting Underground tank(CMD):		Not applicab	ole			. 95				
	Fire fighting Overhead wat tank(CMD):		Not applicable								
	Excess treate	d water	Not applicab	ole							
	Tanker Wate	er									
	Fresh water (CMD):	6								
	Recycled water Flushing (CM		Not applicable								
		Recycled water - Gardening (CMD):		ole							
	Swimming po make up (Cur		Not applicable								
Wet season:	Total Water Requirement:	(CMD)	6								
	Fire fighting Underground tank(CMD):		Not applicab	ble							
	Fire fighting Overhead wat tank(CMD):	ter	Not applicab	ble							
	Excess treate	d water	Not applicable								
Details of Swimming pool (If any)											
33.Details of Total water consumed											
Particula rs Con	sumption (CMI	D)	I	oss (CMD)		Eff	luent (CMD)				
Water Require ment Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic 0	1	1	0	0.5	0.5	0	0.5	0.5			

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water table: Size and no of RWH tank(s) and Quantity: Location of the RWH tank(s): Incation of the Rwiter is a secure of the secure o								
tank(s) and Quantity: Location of the RWH tank(s): 34.Rain Water Harvesting (RWH) 24. Rain Water Harvesting (RWH) Size of recharge pits: Size of recharge pits: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): Details of UGT tanks if any: Size of SWD: A garland Drainage Sewage and Waste water Sewage and Waste water Sewage and Waste water 15. Sewage and Waste water A sain is B2 Category Non Coal Mining Project NA as it is B2 Category Non		Level of the Ground water table:	0.5 to 14 m bgl					
34.Rain Water Harvesting (RWH) Size of recharge pits: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): Details of UGT tanks if any: Na as it is B2 Category Non Coal Mining Project NA as it is B2 Category		tank(s) and	NA as it is B2 Category Non Coal Mining Project					
Patrice ting (RWH) Size of recharge pits Size of swoth Size of			NA as it is B2 Category Non Coal Mining Project					
Size of recharge pits NA as it is B2 Category Non Coal Mining Project			NA as it is B2 Category Non Coal Mining Project					
Capital cost NA as it is B2 Category Non Coal Mining Project	3	Size of recharge pits :	NA as it is B2 Category Non Coal Mining Project					
Natural water drainage Natural water drainage pattern: Quantity of storm water: Size of SWD: A garland of 7.5 m of barrier will be maintained			NA as it is B2 Category Non Coal Mining Project					
if any: NA as it is B2 Category Non Coal Mining Project Barbara Storm water drainage pattern: Quantity of storm water: Size of SWD: A garland of 7.5 m of barrier will be maintained Sewage generation in KLD: STP technology: Soak Pits Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): 36.Solid waste Management			NA as it is B2 Category Non Coal Mining Project					
Sewage generation in KLD: STP technology: Soak Pits			NA as it is B2 Category Non Coal Mining Project					
Sewage generation in KLD: STP technology: Soak Pits								
Comparison of the STP: Comparison of the S	2		Garland Drainage					
Sewage and Waste water Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): 36.Solid waste Management		, ,						
Sewage and Waste water In KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): 36.Solid waste Management		Size of SWD:	A garland of 7.5 m of barrier will be maintained					
Sewage and Waste water In KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): 36.Solid waste Management								
Sewage and Waste water Capacity of STP (CMD):			0.5 KLD					
Sewage and Waste water Composition & area of the STP: NA		STP technology:	Soak Pits					
Waste water Location & area of the STP: NA	Sowago and		0.5 CMD					
(Capital cost): Budgetary allocation (0 & M cost): 36.Solid waste Management	9		NA					
36.Solid waste Management			2.0 Lakhs					
			0					
Waste generation: Overhurden Soil or Morrum will be used for plantation			ů .					
Truste generation in	Waste generation in	Waste generation:	Overburden Soil or Morrum will be used for plantation					
the Pre Construction and Construction construction waste phase: Disposal of the construction waste debris: NA as it is B2 Category Non Coal Mining Project	and Construction	construction waste	NA as it is B2 Category Non Coal Mining Project					
Dry waste: NA as it is B2 Category Non Coal Mining Project	7	Dry waste:	NA as it is B2 Category Non Coal Mining Project					
Wet waste: NA as it is B2 Category Non Coal Mining Project		Wet waste:	NA as it is B2 Category Non Coal Mining Project					
Waste generation Hazardous waste: NA as it is B2 Category Non Coal Mining Project	Wasta generation	Hazardous waste:	NA as it is B2 Category Non Coal Mining Project					
Waste generation in the operation Phase: Material Reservation M	in the operation		NA as it is B2 Category Non Coal Mining Project					
STP Sludge (Dry sludge): NA as it is B2 Category Non Coal Mining Project			NA as it is B2 Category Non Coal Mining Project					
Others if any: Overburden Soil or Morrum will be used for plantation		Others if any:	Overburden Soil or Morrum will be used for plantation					



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		Dry waste:		NA as it is B2 Category Non Coal Mining Project					
Wet waste:			NA as it is I	32 Category	Non Coal Mi	ining Project			
		Hazardous	waste:	NA as it is I	32 Category	Non Coal Mi	ining Project		
Mode of Disposal Biomedical applicable)			NA as it is I	it is B2 Category Non Coal Mining Project					
of waste: STP Sludge sludge):		e (Dry	NA as it is l	A as it is B2 Category Non Coal Mining Project					
		Others if a	ny:					r making roads, ping to develop	
		Location(s):	R.F. Survey No.78/A, Thane-Belapur Road, Navi Mumbai, Thane 400 708					
Area requiremen	nt:	Area for the of waste & material:		NA as it is B2 Category Non Coal Mining Project					
		Area for m	achinery:	2103 Sq. M	tr				
Budgetary al		Capital cos	st:	NA as it is I	32 Category	Non Coal Mi	ining Project		
(Capital cost O&M cost):	and	O & M cos	t:	NA as it is l	32 Category	Non Coal Mi	ining Project		
			37.Ef		harecter				
Serial Number	Parameters		Unit				Effluent discharge standards (MPCB)		
1	NA as it is B2 Category Non Coal Mining Project		NA	NA NA NA				NA	
Amount of efficiency (CMD):	luent gene	ration	NA as it is l	B2 Category	Non Coal Mi	ining Project	,		
Capacity of th	e ETP:		NA as it is l	B2 Category	Non Coal Mi	ining Project	;		
Amount of tre recycled:	ated efflue	ent	NA as it is l	B2 Category	Non Coal Mi	ining Project	,		
Amount of wa	ter send to	the CETP:	NA as it is l	s it is B2 Category Non Coal Mining Project					
Membership o	of CETP (if	require):	NA as it is l	t is B2 Category Non Coal Mining Project					
Note on ETP t	technology	to be used	NA as it is l	is B2 Category Non Coal Mining Project					
Disposal of the	e ETP slud	lge	NA as it is l	B2 Category Non Coal Mining Project					
		C !	38.Ha	zardous	Waste D	etails			
Serial Number	Descri	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal	
	NA as i Category Mining	it is B2 Non Coal	Cat NA	UOM NA	Existing NA	Proposed NA	Total NA	Method of Disposal NA	
Number	NA as i Category	it is B2 Non Coal	NA	NA		NA			
Number	NA as i Category	tris B2 Non Coal Project	NA 39.St	NA Cacks em	NA	NA			
Number 1 Serial	NA as i Category Mining	tris B2 Non Coal Project & units It is B2 Non Coal	NA 39.St	NA Cacks em	NA ission De	NA etails Height from ground	NA Internal diameter	NA Temp. of Exhaust	

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(Chairman SEAC-I)

Serial Number	Туг	pe of Fuel			Existing			Proposed		Total
1		B2 Category Iining Project			NA			NA		NA
41. Source of Fuel NA as it is B2 Cat							Jon Co	oal Mining Pro	oject	
42.Mode of	Transportat	tion of fuel to	site N	NA as	s it is B2 Cat	egory N	Jon Co	oal Mining Pro	oject	
		Total RG a	rea:		As per Mine	e Closui	re Pla	n		
		No of trees:	to be	cut	cut ₀					
43.Gree		trees t	to	o 1500						
Develop	List of proposed native trees :				As Per MPCB Guidlines					
		Timeline for completion of plantation :			CB Guid	lines		a.	,	
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	Mangnife	era Indica	M	Mango Tree include ma				Indiger	nous Tree	
2	Syzyjiur	n Cumini	Jā	Jamun Tree include			of trees nun will be	Indiger	ous Tree	
3	Azadirachta indica Neer		Veem	Total no. of trees include Neem will be 1500		em will be	Indiger	ious Tree		
4	Tamaran	ndus indica Tamarind		arind	Total no. of trees include Tamarind will be 1500		Indiger	ious Tree		
45.Total quantity of plants on ground										
46.Nun	nber and	list of sh	rubs	an	d bushes	spec	cies	to be plai	nted in the	podium RG:
Serial Number		Name			C/C Dista	nce			Area m2	
1		NA			NA				NA	
					47.Eı	nerg	y			

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		Source of p supply:	power	MSEDCL			
		During Cor Phase: (De Load)		NA as it is I	32 Cat	egory Non Coal Mi	ining Project
	construction phase During Operation phase (Connected load):		NA as it is I	NA as it is B2 Category Non Coal Mining Project			
Dov			NA as it is B2 Category Non Coal Mining Project				
Power requirement:		During Opphase (Derload):		NA as it is I	32 Cat	egory Non Coal Mi	ining Project
		Transform	er:	NA as it is I	32 Cat	egory Non Coal Mi	ining Project
		DG set as l back-up du operation	ıring	NA as it is I	32 Cat	egory Non Coal Mi	ining Project
				NA as it is I	32 Cat	egory Non Coal Mi	ining Project
Details of high tension line passing through the plot if any:		NA as it is B2 Category Non Coal Mining Project					
48.Energy saving by non-conventional method:							
Standard C	Standard Cables & Equipment' will be used and timely maintenance will be done.						
	49.Detail calculations & % of saving:						
Serial							
Number	E	nergy Cons		easures			Saving %
1			NA	<u> </u>		_	NA
		50.	.Details	of polluti	ion (control Syste	ms
Source	Ex	isting pollu	tion contro	l system		Pro	posed to be installed
Drilling & Blasting			NA				Sprinklers
	allocation	Capital cos	st:	NA			
O&M	cost and cost):	O & M cos	t:	NA			
51	.Envir	onment	al Mar	nageme	nt]	plan Budg	etary Allocation
		a)	Construc	ction pha	se (with Break-u	p):
Serial Number	a) Construction phase (with Break-up): Attributes Parameter Total Cost per annum (Rs. I						
1	N	ſΑ	N	ſΑ			NA
		b) Operat	ion Phas	e (w	ith Break-up):
Serial Number	Comp	onent				oital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Dust Sup	pression	Dust,	SPM		4.0	0.8
51.S	51.Storage of chemicals (inflamable/explosive/hazardous/toxic						
	substances)						



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Description NA as it is B2 Category Non Coal Mining Project	Status NA	Location NA 52.Any Ot		Storage Capacity in MT NA	Maximum Quantity of Storage at any point of time in MT NA	Consumption / Month in MT	Source of Supply	Means of transportation		
No Information Availab	le	<u> </u>								
		53.	Traffi	c Manag	rement					
Nos. of the junction to the main road & design of confluence:						oal Mining Pro	ject			
	Number basemen	and area of nt:	NA as i	t is B2 Cate	gory Non C	oal Mining Pro	ject			
	Number and area of podia:		NA as it is B2 Category Non Coal Mining Project							
	Total Pa	rking area:			3 7	oal Mining Pro	<u>'</u>			
	Area per					oal Mining Pro				
	Parking details: Area per car: Number of 2- Wheelers as approved by competent authority:		NA as it is B2 Category Non Coal Mining Project							
Parking details:			NA as it is B2 Category Non Coal Mining Project							
	Number Wheeler approve compete authorit	rs as d by ent	NA as it is B2 Category Non Coal Mining Project							
	Public T	ransport:	NA as it is B2 Category Non Coal Mining Project							
	Width of roads (n	f all Internal	NA as it is B2 Category Non Coal Mining Project							
	CRZ/ RR obtain, i	Z clearance f any:	NA							
S	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries		Sanjay Gandhi National Park is at 12.1 Km in North West direction							
	Category as per schedule of EIA Notification sheet			1 (a)						
	Court ca	ses pending	No							
	Other Ro Informa		The project is of B2 Category Non-Coal Mining Project of 1.00 Ha							



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	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	0-
Drainage pattern of the project	Not Applicable	
Ground water parameters	Not Applicable	
Solid Waste Management	Not Applicable	
Air Quality & Noise	Not Applicable	

Energy Management Not Applicable **Traffic circulation**

Not Applicable

Not Applicable

system and risk assessment Landscape Plan

Level issues

Not Applicable

Disaster management system and risk assessment

Not Applicable

Socioeconomic impact assessment **Environmental Management Plan**

Not Applicable 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 Ilthan Pada Survey No.78/A, Taluka Thane, 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

on above.

appropries? Abhay Pimparkar (Secretary

SEAC Meeting No: 165th -Day 3 Meeting Date: May 6, 2019

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

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

SEAC Meeting number: 165th -Day 3 Meeting Date May 6, 2019

Subject: Environment Clearance for proposed Expansion of manufacturing capacity of synthetic organic chemicals at Gat No- 285, 286/4, 287, Notified Industrial Zone/Area, Village Sanghvi, Taluka:Khandala, Shirwal - 412801 Off Pune-Bangalore Highway (NH4), Dist: Satara, Maharashtra by M/s. DBS CHEMICALS

Is a Violation Case: No

is a violation Case: No					
1.Name of Project	Expansion of manufacturing capacity of synthetic organic chemicals				
2.Type of institution	Private				
3.Name of Project Proponent	Mr. Devdatta Utgi, M/s. DBS CHEMICALS				
4.Name of Consultant	Mahabal Enviro Engg. Pvt. Ltd.				
5.Type of project	Synthetic Organic Chemical Industry				
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No, the unit was established in 1992 i.e. prior to the EIA Notification, 1994 and 2006. However, Consent to Operate was taken from MPCB and the same was renewed time to time.				
8.Location of the project	Gat No- 285, 286/4, 287, Notified Industrial Zone/Area, village Sanghvi, Taluka: Khandala Shirwal - 412801 Off Pune- Bangalore Highway (NH4), Dist: Satara, Maharashtra				
9.Taluka	Khandala				
10.Village	Sanghvi				
Correspondence Name:	Mr. Devdatta Utgi (Proprietor)				
Room Number:	2				
Floor:	1st				
Building Name:	Yashodeep, Bldg. A				
Road/Street Name:	-				
Locality:	Rambaug Colony, Sadashiv Peth				
City:	Pune				
11.Area of the project	Notified Industrial Zone/Area of Shirwal				
	NA				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: NA				
	Approved Built-up Area:				
13.Note on the initiated work (If applicable)	Expansion of existing unit				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Obtained Consent to Establish from MPCB vide letter Format.1.0/BO/AST/UAN No. 0000069307/E/CC-1903001366 dated 25.03.2019 for expansion project.				
15.Total Plot Area (sq. m.)	8,537 m2				
16.Deductions	Not applicable				
17.Net Plot area	8,537 m2				
	a) FSI area (sq. m.): 4,491 m2				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.):				
Tion 101)	c) Total BUA area (sq. m.): 4491				
	Approved FSI area (sq. m.):				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.):				
BOK .	Date of Approval: 23-10-1992				
19.Total ground coverage (m2)	4,491 m2				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	53%				
21.Estimated cost of the project	44887346				
22 Nium]	har of huildings & its configuration				

22. Number of buildings & its configuration

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Dr. Umakant Dangat
(Chairman SEAC-I)

Serial number	Buildin	g Name & number	Number of floors	Height of the building (Mtrs)			
1		NA	NA	NA			
23.Number tenants an		NA					
24.Number expected rusers		Workers + staff + Mana	ngement: 50 Nos.				
25.Tenant per hectar		NA					
26.Height building(s)							
station to	the road earest fire	12 m					
28. Turning for easy active tender movement around the excluding for the pla	from all building the width	9 m					
29.Existing structure (Amino Azo Benzene (PAAB). • It is om 8 MT/M to 80 MT/M with thin the existing factory premises						
30.Details demolition disposal (I applicable)							

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Para Amino Azo Benzene (PAAB)	8	72	80
2	Ortho Amino Azo Toluene (OAAT)	0	120	120
3	Yellow Dye	0	05	05
4	Basic Red 51 / DBSR5X	0	02	02
5	Basic Red 76/DBSR7X	0	01	01
6	Basic Brown 16/DBSBR6X	0	01	01
7	Basic Brown 17/DBSBR7X	0	01	01
8	Basic Orange 31/DBSO3X	0	01	01
9	Basic Yellow 87/DBSY8X	0	1.5	1.5
10	Basic Blue 99/DBSBL9X	0	01	01
11	Basic Blue 124/77/DBSBL124X	0	01	01

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12	HC yellow 4/DBSHC4Y	0	1.5	1.5			
13	HC yellow 5/DBSHC5Y	0	02	02			
14	HC Blue 15/DBSHC15BL	0	01	01			
15	Basic Violet 2/DBSB2V(Only Purification)	0	01	01			
16	HC blue 16/DBSHC16BL	0	01	01			
17	Basic Yellow 57/DBSY5X	0	01	01			
18	HC Blue 2/DBSHC2BL	0	06	06			
19	Tyrian Purple /DBST Purple (Mixing and Blending)	0	01	01			
20	Ebony Dye/ DBSED (Mixing and Blending)	0	01	01			
21	5 Methoxy 2 Tetralone/DBS5M2T	0	01	01			
22	7 Methoxy 2 Tetralone/DBS7M2T	0	01	01			
23	Fast Yellow PG Base/ DBS Yellow B Base	0	40	40			
24	LN Chloride/ 3D8 Sulphate/ DBS violet Dye	0	02	02			
25	BBDC Sulphate/ DBS Blue Dye	0	02	02			
26	Red Dye/DBS Red Dye	0	02	02			
27	HC Yellow 2 / DBSHC2Y (Mixing and Blending)	0	01	01			
28	Nibitree / DBSNTR (Only Purification)	0	01	01			
	32. Total Water Requirement						
	Silve						

approvinces

Abhay Pimparkar (Secretary SEAC-I) SEAC Meeting No: 165th -Day 3 Meeting Date: May 6, 2019 Page 120
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Chairman SEAC-I)

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

	Source of water	Grampanchayat
	Fresh water (CMD):	55.05 KLD
	Recycled water - Flushing (CMD):	2.2 KLD
	Recycled water - Gardening (CMD):	15.4 KLD
	Swimming pool make up (Cum):	Not applicable
Dry season:	Total Water Requirement (CMD) :	73.55 KLD
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	10 KL (Surface)
	Excess treated water	0 KLD
	Source of water	Grampanchayat
	Fresh water (CMD):	55.05 KLD
	Recycled water - Flushing (CMD):	2.2 KLD
	Recycled water - Gardening (CMD):	15.4 KLD
	Swimming pool make up (Cum):	Not applicable
Wet season:	Total Water Requirement (CMD) :	73.55 KLD
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	10 KL (Surface)
	Excess treated water	0 KLD
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particula rs	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	existing Proposed		Existing	Proposed	Total
Domestic	1	5.5	6.5	0.2	1	1.2	0.8	4.5	5.3
Industrial Process	2.8	23.65	26.45	1.6	2.65	4.25	1.2	21	22.2
Cooling tower & thermopa ck	2	28	30	1.85	21.8	23.65	0.15	6.2	6.3



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Fresh water requireme nt	0.2	10.4	10.6	0.05	4.7	4.75	0.15	5.7	5.9		
		Level of the (Ground	6 - 8 m							
		Size and no of RWH tank(s) and Quantity:		NA							
		Location of the tank(s):	he RWH	NA							
		Quantity of r pits:	echarge	NA				O ₂			
34.Rain W Harvesting		Size of recha	rge pits	NA				5			
(RWH)		Budgetary al (Capital cost		NA							
		Budgetary al (O & M cost)		NA			0				
		Details of UGT tanks if any :		 7.5 m3 (4 Nos) - Acid Storage 30 m3 (1 Nos), 15 m3(1 Nos) - Ortho-Toluidine 20 m3 (1 Nos) - Aniline 10 m3 (1 Nos) - Waste Solvent Tank 8 m3 (1 Nos) - Oleum Tank 8 m3 (1 Nos) - H2SO4 Tank (all are Over Ground (OG) tanks) 							
2 C.	_	Natural wate drainage pat		Towards west side of the plot							
35.Storm drainage	water	Quantity of s water:	torm	522 m3/hr							
		Size of SWD:		250 mm x 400 mm							
			~~	>							
		Sewage gene in KLD:	ration		water Generat eneration: 12.3		KLD (• Sewa	ge Generation:	5.3 KLD		
		STP technolo	gy:	• Sewage will be mixed in equalization tank of ETP and treated will be used for flushing and gardening. (Refer Sr. No. 38 for technology)							
Sewage a		Capacity of S (CMD):	TP	• Existing ETP 10 KLD and proposed augmentation of existing ETP upto 35 KLD							
Waste water		Location & at the STP:	rea of	Ground (70 m2)							
		Budgetary al (Capital cost		Rs. 30 Lakh							
Budgetary allocation (O & M cost):			Rs. 6.0 Lakh/year								
		36	Solie	d waste	Manag	emen	t				
Waste generation in the Pre Construction		Waste genera	ation:	During Construction - the works will be allotted on Turn Key Basis where the contractor will takes away any construction waste on site and disposes off as per regulations.							
and Constru phase:	iction	Disposal of the construction debris:			n waste will be Waste Manage			onstruction an	d		
_											

agas ains Abhay Pimparkar (Secretary SEAC-I)

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	Dry waste:	10 kg/d
	Wet waste:	15 kg/d
Waste generation in the operation	Hazardous waste:	• 20.3 Distillation residues – 1.77 MT/M, • 26.1 Process waste/ Residues (Tar) – 6.75 MT/M, • 35.3 Chemical sludge from wastewater treatment – 20.5 MT/M • 20.2 Spent Solvent – 26 MT/M
Phase:	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	ETP sludge: 1 kg/d
	Others if any:	Packaging Material & Boiler Ash
	Dry waste:	Dry waste will be handed over to authorized recyclers
	Wet waste:	Wet waste will be composted using vermicomposting pit and will be used as a manure for landscaping
	Hazardous waste:	Handed over to CHWTSDF (Membership obtained)
Mode of Disposal of waste:	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	ETP sludge: Handed over to CHWTSDF (Membership obtained)
	Others if any:	• Packaging material will be handed over to authorized recyclers and • The Boiler ash will be given to the brick Manufacturer
	Location(s):	On Ground within factory premises
Area requirement:	Area for the storage of waste & other material:	• Hazardous Material: 75 m2 • Packaging Material: 28 m2 • Non-Hazardous solid waste: 28 m2
	Area for machinery:	Vermi-composting pit area: 1 m2 (2 Pits)
		Rs. 0.8 Lakh
(Capital cost and O&M cost):	O & M cost:	Rs. 0.25 Lakh/year
	37.Ef	fluent Charecterestics

	5 / 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1						
Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)		
1	рН	7.2		6.7	6.5 - 8.5		
2	BOD (3 days 27 0C)	mg/l	1550	22	<100		
3	COD	mg/l	4640	64	<250		
4	Suspended Solids	mg/l	422	8	<100		
5	Oil & Grease	mg/l	36.4	BDL	<10		
6	TDS	mg/l	71850	744	<2100		
7	Chlorides	mg/l	68779	135	<600		
8	Sulphates	mg/l	604	34	<1000		
Amount of e (CMD):	effluent generation	Effluent Generation: 12.3 KLD and Sewage generation: 5.3 KLD					
Capacity of	the ETP:	• Existing 10 KLD and proposed augmentation of existing ETP upto 35 KLD • MEE + ATFD (ZLD): 30 KLD					
Amount of trecycled:	reated effluent	• Recycled for Flushing: 2.2 KLD • Recycled for Gardening: 15.4 KLD					
Amount of v	water send to the CETP:	0 KLD					
Membershi	p of CETP (if require):	Yes					
Note on ET	P technology to be used	Effluent collection, Neutralization, Coagulation / Flocculation, Sedimentation in Primary Settling tank, Aeration tank, Secondary settling tank, Pressure Sand Filter, Activated Carbon Filter, Treated water storage tank					

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Disposal of	the ETP slud	lge	Handed	over to CHWT	SDF (Mei	nbei	rship obtaine	ed)		
			38.	Hazardous	Wast	e D	etails			
Serial Number	Descr	iption	Cat	UOM	Existi	ng	Proposed	Tot	tal	Method of Disposal
1	Distillation	n residues	20.3	MT/M	0.17	'	1.6	1.7	77	CHWTSDF
2	Process Residue		26.1	MT/M	0		6.75	6.7	75	CHWTSDF/ Sale to Authorised Dealer
3	Chemical s wastewater		35.3	MT/M	0.5		20	20	.5	CHWTSDF
4	Spent S	Solvent	20.2	MT/M	0		26	20	6	Sale to Authorised recycler
			39	.Stacks en	nission	D	etails			0-
Serial Number	Soction & limits			Stack 1	No.	Height from ground level (m)	Interdiam (n	eter	Temp. of Exhaust Gases	
1	IBR Boile	r (1 TPH)	В	riquettes	1		30	0.3	35	125 -150 0C
2	IBR Boile	r (2 TPH)	В	riquettes	2		30	0.3	35	125 -150 0C
3	Process sta scrubber		Wat	er scrubber	3, 4 &	5	17	0.2	25	25 0C
4	Thermic fl	uid heater		HSD	6		8	0.2	25	125 -150 0C
5	5 DG Set (125 kVA) H		HSD	SD 7 4 0.05)5	150 OC		
	40.Details of Fuel to be used									
Serial Number	Type of Fuel			Existing	Existing Proposed					Total
1	Br	riquettes		0 T/day	0 T/day 2.7 T/d		2.7 T/day	-		2.7 T/day
2		HSD		25 L/day	25 L/day		0 L/day			25 L/day
3		LDO		300 L/day	300 L/day		0 L/day			300 L/day
4		Wood		0.5 T/day	0.5 T/day 0 T/day			0 T/day		
41.Source					iquettes - Local Supplier • HSD & LDO - Government Authorised Supplier					
42.Mode of	Transportat	ion of fuel to	site R	oad transport						
		Total RG a								
	^	No of trees	s to be c	o be cut Nil						
43.Gree		Number of be planted		• Trees pla	anted till	date	:: 250 Nos. •	Nos. o	f tree	s to be planted: 40 Nos.
Development List of pro- native tree										
Timeline for completion of plantation:				1-2 Years	1-2 Years					
	44.Nui	mber and	l list o	f trees spe	ecies to	o b	e plante	d in t	the g	ground
Serial Number	Name of	the plant	Com	mon Name		Quantity			Characteristics & ecological importance	
1	MIMUSO	P ELENGI		Bakul	kul 08			As medicinal value, Bird and insect attractive.		



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Signature:
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(Chairman SEAC-I)

2	SARACA INDICA	Sita Ashok	12	As medicinal value, Bird and insect attractive.
3	BAUHINIA PURPUREA	Apta	06	Small tree with small white flowers, Butterfly host plant
4	MICHELIA CHAMPACA	Chafa	06	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
5	NYCTANTHES ARBOR TRISTIS	Parijat	08	Small deciduous fast growing tree, beautiful flowers.
6	POLYALTHIA LONGIFOLIA	Ashoka Tree	10	Shady tree with red-yellow flowers.
45	5.Total quantity of plan	nts on ground		

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

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

47.Energy

		17 (211619)
	Source of power supply:	MSEB
	During Construction Phase: (Demand Load)	
	DG set as Power back-up during construction phase	
Dower	During Operation phase (Connected load):	127 kW
Power requirement:	During Operation phase (Demand load):	90 kW
	Transformer:	315 kVA
	DG set as Power back-up during operation phase:	1 x 125 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

- Use of Energy Efficient Pumps & Motors Tanks and ETP, MEE etc.
- Energy efficient lighting fixtures (LED lights)
- Solar Street lighting in landscape, open spaces (5 kW)

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %							
1	Energy saving	>20							
50.Details of pollution control Systems									

Source Existing pollution control system Proposed to be installed

Abhay Pimparkar (Secretary SEAC-I)

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Air pollution from IBR Boiler		Chimney (Water scrubber)				Chimney (Water scrubber)		
Air Pollution from DG Set		Stack has been provided				Stack has been provided		
Air pollution from flue gases from process		Wate	Water scrubbers			Water scrubbers		
Waste water (Domestic + Effluent)		Septic tank, soak pits and ETP				ETP + MEE & ATFD		
Noise from Machinery area, Boiler, DG set etc.	Person		e equipments and Acoustic sures to DG set			Personal protective equipments and Acoustic enclosures to DG set		
	allocation Capital cost: Rs. 6.0 Lakh			Rs. 6.0 Lakh	l	20		
	(Capital cost and O&M cost: Rs. 2.4 Lakh/year							
51.Environmental Management plan Budgetary Allocation								
		a)	Construc	ction pha	se (with Break-up):		
Serial Number	Attri	butes	Parai	meter		Total Cost per annum (Rs. In Lacs)		
	Air and	Air and Noise						

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air and Noise pollution control system	PM, Leq	3.0

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	ETP & MEE+ ATFD	Continuous O & M	150	80			
2	Expenditure on energy saving measures	Weekly	6	2.4			
3	Solid Waste Management	Continuous O & M	1	0.5			
4	Landscape	Daily	5	2.4			
5	EMC recurring expenditure	Env. Engg salary, Documentation Assistants, support staff, office expenses & Housekeeping etc.	10	12			
6	Statutory compliance for Environmental protection	Monitoring by MoEF/NABL approved agency	5	5			



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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
7.5 m3 (4 Nos) – Acid Storage	-	On Ground	30	25	60	Private supplier	Tanker
30m3 (1 Nos), 15 m3(1 Nos) - Ortho- Toluidine	1	On Ground	45	40	106	Private supplier	Tanker
20 m3 (1 Nos) - Aniline	-	On Ground	20	18	90	Private supplier	Tanker
10 m3 (1 Nos) - Waste Solvent Tank	-	On Ground	10	10		Sale to SPCB Authorised dealer	Tanker
8 m3 (1 Nos) - Oleum Tank	-	On Ground	8	8	1.5	Private supplier	Tanker
8 m3 (1 Nos) - H2SO4 Tank	-	On Ground	8	8	3	Private supplier	Tanker

52.Any Other Information

No Information Available

53.Traffic Management

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

Sila

NA



	Number and area of basement:	NA	
	Number and area of podia:	NA	
	Total Parking area:	40 m2	
	Area per car:	13.5 m2	
	Area per car:	13.5 m2	
Parking details:	Number of 2- Wheelers as approved by competent authority:	15 Nos.	
	Number of 4- Wheelers as approved by competent authority:	2 Nos.	
	Public 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) Synthetic organic chemicals industry	
	Court cases pending if any	No court cases are pending against the project	
	Other Relevant Informations	TOR was issued in 17th EAC meeting held on 28.12.2016 and public hearing was exempted in 19th EAC meeting held on 06.02.2017 (Minutes Attached).	
	Have you previously submitted Application online on MOEF Website.	Yes	
	Date of online submission	05-09-2017	
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 l	evels during design of storm water drains.	



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Signature:
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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 90 KW which will be supplied by MSEDCL. PP proposes one numbers of 125 KVA DG Sets.
Traffic circulation system and risk assessment	PP to provide adequate parking space within the plot area and submit revised layout plan.
Landscape Plan	PP proposes to provide 35% green belt within the plot area.
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. 3.0 Lakh EMP cost during construction phase, Rs. 182.00 Lakhs as capital cost and Rs. 107.30 Lakhs and recurring cost for the maintenance of environmental parameters during operation phase.
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

M/s DBS CHEMICALS, at plot No. 285,286/4,287 at Sanghvi, Shirwal has obtianed ToR during 17th EAC meeting held on 26th to 28th December, 2016 where in ToR was grnated to the PP with expemption for the Public Hearing.

Now PP submitted EIA/EMP report for appraisal.

DECISION OF SEAC

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

Specific Conditions by SEAC:

- 1) PP to submit structural stability certificate of existing structures on site with respect to the proposed expansion and age on the structures.
- 2) PP to ensure strict compliance to the observations of the HAZOP and Risk Assessment study.
- 3) PP to include monitoring of water and carbon foot print in the Environmental Management Program.
- **4)** PP to prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.2018.

FINAL RECOMMENDATION

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





