166th Meeting of State Level Expert Appraisal Committee (SEAC-1) (Day - 1) SEAC Meeting number: 166 Meeting Date May 27, 2019

Subject: Environment Clearance for Development of fishing harbor to provide Infrastructural Post Harvesting Facility to Fishermen at Anandwadi, Tal. Deogad, Dist. Sindhudurg

Is a Violation Case: No						
1.Name of Project	Development of fishing harbor to provide Infrastructural Post Harvesting Facility to Fishermen at Anandwadi, Tal. Deogad, Dist. Sindhudurg					
2.Type of institution	Government					
3.Name of Project Proponent	Maharashtra Fisheries Development Corporation Ltd					
4.Name of Consultant	Aditya Environmental Services Pvt Ltd					
5.Type of project	Others- Infrastructure project (Fishing Harbour)					
6.New project/expansion in existing project/modernization/diversification in existing project	Diversification in existing Project in form of reduction in proposed project area					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Environmental Clearance under CRZ Notification 1991 from MoEFCC on 21st February 2007					
8.Location of the project	Anandwadi village, Devgad Taluka, Sindhudurg district					
9.Taluka	Devgad					
10.Village	Anandwadi					
Correspondence Name:	Shri Ashok M Bhalkar					
Room Number:	178					
Floor:	3rd					
Building Name:	N.K.M International House					
Road/Street Name:	Babubhai M Chinai Marg					
Locality:	Behind LIC Yogashame Bldg					
City:	Mumbai					
11.Whether in Corporation / Municipal / other area	The proposed project site is in Village Anandwadi, Devgad					
	As per development authority					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: As per development authority					
	Approved Built-up Area:					
13.Note on the initiated work (If applicable)	The Project area has been reclaimed wrt to the obtained Environmental Clearance under CRZ Notification 1991 from MoEFCC on 21st February 2007					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable since this proposal is for Fishing Harbour					
15.Total Plot Area (sq. m.)	Project Area is 16.60 Ha					
16.Deductions	0					
17.Net Plot area	0					
	a) FSI area (sq. m.):					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.):					
	c) Total BUA area (sq. m.):					
10 (h) Assured Duilt an analysis	Approved FSI area (sq. m.): Not applicable since this proposal is for Fishing Harbour					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): Not applicable since this proposal is for Fishing Harbour					
	Date of Approval: 30-04-2019					
19.Total ground coverage (m2)	Not applicable since this proposal is for Fishing Harbour					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable since this proposal is for Fishing Harbour					
21.Estimated cost of the project	884400000					

22.Number of buildings & its configuration



Serial number	Building Name & number Num			Nu	mber of floors	Height of the building (Mtrs)	
1							
23.Number tenants an		Not applica	ble	_			
24.Number expected rusers		Not applica	ble				
25.Tenant per hectar		Not applica	ble				
26.Height building(s)							
(Width of t from the n station to t	27.Right of way Width of the road rom the nearest fire tation to the proposed building(s)						
around the	v access of der ent from all the building ng the width						
29.Existing structure (Not applica	ble. No exist	ing structur	es on site.		
demolition disposal (I	30.Details of the demolition with disposal (If applicable)						
			31.P	roduct	tion Details		
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)	
1Fishing harbor to provide Infrastructural Post Harvesting Facility to FishermenFish handling capacity- 13,953 TPAFish handling capacity- TPA				Fish handling capacity- 13,953 TPA			

32.Total Water Requirement

agger or averes		Signature: Name: Dr. Umakan Gangetrao Dangat
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		Source of wa	ter	Deogad mur	nicipality (wate	er fall near	r shirgaon, 35	5km away)				
		Fresh water	(CMD):	Fresh water requirement 225 KLD (Operation Phase)								
		Recycled wat Flushing (CM		Not applicable								
		Recycled wat Gardening (C		Not applical	ble							
		Swimming po make up (Cu		Not applical	ble Since prop	osal is for	Fishing Harb	our				
Dry season	:	Total Water Requirement :	(CMD)	225 Kld								
		Fire fighting Underground tank(CMD):		Not applical	ole			9				
		Fire fighting Overhead wa tank(CMD):		Not applical	ole		5	0				
		Excess treate	d water	Not applical	ole							
		Source of wa	ter	Deogad mur	nicipality (wate	er fall near	r shirgaon, 35	5km away)				
		Fresh water	(CMD):	Fresh water	requirement 2	225 KLD (Operation Ph	ase)				
Recycled water - Flushing (CMD):				Not applical	Not applicable							
		Recycled wat Gardening (C	Not applicable									
		Swimming po make up (Cu		Not applical	ble							
Wet seasor	1:	Total Water Requirement :	(CMD)	225 Kld								
		Fire fighting Underground tank(CMD):		Not applicable								
		Fire fighting Overhead wa tank(CMD):	ter	Not applical	ble							
		Excess treate	d water	Not applical	ble							
Details of 9 pool (If any		Not applicable	e Since pr	oposal is for I	Fishing Harbou	ır						
		33	.Detail	s of Tota	l water co	nsume	d					
Particula rs	Cons	umption (CM	D)	1	Loss (CMD)		Efi	fluent (CMD)				
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	0	25	25	0	5	5	0	20	20			
Industrial Process	0	200	200	0 20 20 0 180 180								



	Level of the Ground water table:						
	Size and no of RWH tank(s) and Quantity:	Not applicable					
	Location of the RWH tank(s):	Not applicable					
34.Rain Water Harvesting	Quantity of recharge pits:	Not applicable					
(RWH)	Size of recharge pits :	Not applicable					
	Budgetary allocation (Capital cost) :	0					
	Budgetary allocation (O & M cost) :	0					
	Details of UGT tanks if any :	Not applicable					
	Natural water drainage pattern:	Entire Proposed Project site is Reclaimed, SWD is proposed					
35.Storm water drainage	Quantity of storm water:	details will be given in EIA report.					
	Size of SWD:	details will be given in EIA report.					
	Sewage generation in KLD:	Sewage generated will be treated in STP					
	STP technology:	MBBR					
Sewage and	Capacity of STP (CMD):	1					
Waste water	Location & area of the STP:	within site					
	Budgetary allocation (Capital cost):	details will be given in EIA report.					
	Budgetary allocation (O & M cost):	details will be given in EIA report.					
	36.Soli	d waste Management					
Waste generation in the Pre Construction	Waste generation:	Dredge material (1,28,327 m3) and earth material from borrow pits $(2,72,355 \text{ m3})$					
and Construction phase:	Disposal of the construction waste debris:	Entire harbor (land side) area of 16.60 ha will be reclaimed by above mentioned Dredge material & earth materials					
	Dry waste:	Municipal Waste generated at site mainly from cut parts of fishes and canteen. About 1.2 TPD					
	Wet waste:	Surface run-off, waste water from engineering units will be treated in ETP					
Waste generation	Hazardous waste:	ETP/ STP Sludge (0.20 Cum/day), Bilge oil & Ballast water- 5000 lit					
in the operation Phase:	Biomedical waste (If applicable):	Nil					
	STP Sludge (Dry sludge):						
	Others if any:						

a promises			Signature:
Ce69			Name: Dr. Umakant Gaugatrao Dangat
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		Dry waste:		To authoriz	ed disposal f	acility				
		Wet waste		To authorized disposal facility						
		Hazardous		To authorized disposal facility						
Mode of I of waste:	Disposal	Biomedica applicable	l waste (If	Nil	1	5				
		STP Sludg sludge):	e (Dry	Sludge will	be given to a	authorized d	isposal facili	ty		
		Others if a	ny:	Nil						
		Location(s):	No						
Area requirem	ent:	Area for th of waste & material:		Nil						
		Area for m	achinery:	Nil						
Budgetary		Capital cos	st:	Nil				6		
(Capital co O&M cost)		O & M cos	t:	Nil						
					harecter	estics				
Serial Number	Paran	neters	Unit	Inlet E	ffluent cerestics	Outlet 1	Effluent cerestics	Effluent discharge standards (MPCB)		
1	р	Н		8	-9	6.0	5-8	6.5-8		
2	C	DD	mg/l	300-	400	< 2	250	250		
3	BO	DD	mg/l	100-	150	< 30		30		
4	Oil &	Grease	mg/l	50 < 10				10		
Amount of e (CMD):	effluent gene	eration	Surface rur	e run-off, waste water from engineering units will be treated in ETP						
Capacity of	the ETP:	TP: 0.1 MLD								
Amount of t recycled :	reated efflue	ent	As per requ	lirement	*					
Amount of v	vater send to	o the CETP:	Nil							
Membership	o of CETP (if	f require):		>						
Note on ETI	P technology	v to be used	Details give	en in EIA rep	ort					
Disposal of	the ETP sluc	lge	To Authoriz	ed Disposal	Facility					
			38.Ha	zardous	Waste D	etails				
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	ETP/ ST	P Sludge	35.3	cum/ day	0	0.20 Cum/day	0.20 Cum/day	disposal to CHWTSDF facility		
2		& Ballast ter	3.1 & 3.4	Lit	0	5000	5000	sale to authorized parties		
			39.St	acks em	ission De	etails				
Serial Number	Section	& units	Fuel Us Qua	ed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	63]	KVA	5 lit	:/ hr	1	as per norms	as per norms	as per norms		
			40.De	tails of F	uel to b	e used				

age of the ser			Signature: Name: Dr. Umakant Gangetrao Dangat
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Serial Number	Тур	e of Fuel		Existing	Pro	posed	Total	
1		Diesel		0	5 1	it/ hr	5 lit/ hr	
41.Source of	of Fuel		from	nearby source				
42.Mode of	Transportat	ion of fuel to	site by ro	ad				
		-						
		Total RG a	rea :	as per rule				
		No of trees		Nil				
43.Gree		Number of be planted	•	as per green bel	t developme	nt		
Develop	ment	List of prop native tree	s :	details will be gi	ven in EIA re	eport.		
		Timeline for completion plantation	of	as per project de	velopment s	chedule	20	
	44.Nu	mber and	l list of t	rees species	to be pl	anted in	the ground	
Serial Number	Name of	the plant	Commo	on Name	Quantity	Ch	aracteristics & ecological importance	
1	-	-						
45	.Total qua	ntity of plan	ts on grou	nd				
46.Number and list of shrubs and bushes species to be planted in the podium							d in the podium RG:	
Serial Number		Name		C/C Distance	C/C Distance Area m2			
1					,			
				47.Ener	gy			
		Source of j supply :	oower	MSEDCL Sub St				
		During Con Phase: (De Load)		demand will be fulfilled from MSEDCL substation				
		DG set as l back-up du constructio	iring	63 KVA				
Dee		During Op phase (Cor load):		1.2 MW				
Power requirement: During Operation phase (Demand load):			1.2 MW					
		Transform	er:					
DG set as Power back-up during operation phase Fuel used:		iring	63 KVA					
			Diesel: 5 lit/ hr					
Details of high tension line passing through the plot if any:			e passing					
		48.Ene	rgy savi	ng by non-co	onventio	nal metho	od:	
						1		

1. Anoranes			Signature:
C466			Name: Dr. Umakant Gangatrao Dangat
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Solar Lighti	Solar Lighting, Solar panels installation											
49.Detail calculations & % of saving:												
Serial Number	E	Energy Con	servation Me	easures	1		Saving %					
1		Solar	Lighting, LEI)			d	etails	will be gi	ven in EIA r	report	
		5	D.Details	of pol	lution	C	ontrol S	yste	ms			
Source	Ex	tisting poll	ution contro	l syster	n			Pro	posed to	be installe	ed	
Waste water									ETP,	STP		
Hazardous waste								to au	thorized o	lisposal faci	lity	
	allocation	Capital c	ost:									
(Capital O&M		0 & M co	st:									
51	.Envir	onmen	tal Mar	nage	ment	; p	lan Bı	ıdg	etary	Alloca	ation	
		a)	Construc	c tion]	phase	(พ	vith Bre	ak-u	(p):	y		
Serial Number	Attri	butes	Parar	neter			Total (Cost p	er annu	m (Rs. In I	acs)	
1			-	-								
]	b) Operat	ion P	hase (v	wi	th Breal	k-up):			
Serial Number	Comp	oonent	Descr	iption	Ca	api	tal cost Rs Lacs	. In	-	tional and ost (Rs. in	Maintenance Lacs/yr)	
1		onment nent plan		r lightin n belt pment		App	rox. Rs. 2.5	cr		Rs. 25 L	Rs. 25 Lakhs	
51.S	torage	of ch	emicals		lamal stano		-	osiv	/e/haz	zardou	s/toxic	
Descrij	cription Status Location Storag		Storag Capacit in MT	ty	Maximum Quantity of Storage at any point of time in MT	y consumption / Month in MT		Source of Supply	Means of transportation			
Dies	el	proposed	ed within site 100 KI		. 1	100 KL	100 KL 100 KL from source by road		by road			
	5		52.A	ny Ot	her In	fo	rmation	l				
No Informat	tion Availab	le										
		_	53.	Traffi	c Man	ag	jement					
	S3.Traffic Management Nos. of the junction to the main road & design of confluence:											

approverses			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 7 of	Dr. Umakant Dangat
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	Number and area of basement:				
	Number and area of podia:				
	Total Parking area:	Parking area- Approx 4000 sq	.m within sit	e	
	Area per car:				
	Area per car:				
Parking details:	Number of 2- Wheelers as approved by competent authority:				
	Number of 4- Wheelers as approved by competent authority:	- 68			
	Public Transport:				
	Width of all Internal roads (m):	7 m			
	CRZ/ RRZ clearance obtain, if any:	CRZ Clearance to be obtained			
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas / inter-State boundaries				
	Category as per schedule of EIA Notification sheet	Schedule 7(e) category (B) as Clause $3(i)(a)$, $3(iv)(a)$ & $4(i)(f)$			
	Court cases pending if any	No such court cases			
	Other Relevant Informations	Not applicable			
	Have you previously submitted Application online on MOEF Website.	Yes			
	Date of online submission	30-04-2019			
SEAC	DISCUSSION	ON ENVIRONME	ENTAL	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				
Abhay Pimparkar (Secre SEAC-I)	etary SEAC Meeting N	lo: 166 Meeting Date: May 27, 2019	Page 8 of 190	Signature: Name: Dr. Umakant Gangatan Dr. Umakant Dangat (Chairman SEAC-I)	

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

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 7(e)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.

PP proposes to develop fishing harbour to provide infrastructural post harvesting facility to the fishermen.

PP earlier obtianed Environmental Clearance under CRZ Notification 1991 from MoEF&CC dated 21.02.2017.

DECISION OF SEAC

agge on the ser		Signature: Name: Dr. Umakant Gangetreo Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Dr. Umakant Dangat
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Draft Terms of Reference (TOR) have been discussed and finalized during the meeting of SEAC-1. The committee prescribed the following additional TOR along with Standard TOR as available on the Ministry of Environment, Forest and Climate Change website for preparation of EIA-EMP report.

PP to carry out Public Consultation as per procedure stipulated in the EIA Notification, 2006 and submit point wise compliance of the issues raised during Public Consultation.

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

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

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

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

Specific Conditions by SEAC:

1) PP to obtain CRZ clearance before submission of EIA/EMP report. PP to include details of all the facilities to be created on the site for proposed development in the consolidated statement and sure to obtain CRZ clearance to all proposed facilities

 PP to submit point wise compliance of earlier Environmental Clearance granted by MoEF&CC on 21.02.2007
 PP to include a map of appropriate scale showing distance of various sites from the proposed project area such as, village, salt pans, mangrove areas, migratory corridors of birds, National Parks/ Sanctuaries/Bio Sphere reserves, sand dune area etc. PP to include this information in the EIA report in tabular form with exact aerial distance with specific remarks. 4) PP to include details of all the facilities to be created on the site for proposed development in the consolidated statement and ensure to obtain CRZ clearance to all proposed facilities

6) Layout showing peripheral green belt, separate entry/exit gates, parking areas, utility areas, markets, location of all pollution control equipment's , storm water drains along with calculations , rain water harvesting etc.

rain water narvesting etc. 7) During construction phase, solid waste such as packaging wastes, nylon nets, construction waste and food wastes are expected to be generated. PP to include detailed information on the generation of solid waste, their handling, storage and disposal arrangement along with necessary permissions/NOC etc. 8) PP to ensure construction of all proposed structures and facilities as per guidelines for sesmic design of marine structure.

9) PP to include details of hazardous waste expected to generated during construction and operation phase along with its management as per Hazardous and Other Waste (Management & Trans oundary Movement) Rules, 2016.

(10) PP to submit copies of approval obtained from various Competent Authorities for the proposed project. (11) PP to include in the EIA report information about distance of proposed area from the Low tide, Authenticated details on High tide height considering the flow from river joining to the sea along with duration of high tide to ensure flooding impacts and mitigation measures.

12) PP to include in the EIA report information about details of the activities to be undertaken and their impact on marine ecosystem and mitigation measures proposed in this regard.
 13) PP to include in the EIA report information about source of water supply with adequacy of the same to meet with the requirements for the project. Copies of permission obtained from the

concern Competent Authority shall be submitted. 14) PP to include in the EIA report information about detailed water balance including reuse and recycle

15) PP to include in the EIA report information about exact scope of the off-shore/water front facilities out of various options.
16) PP to include in the EIA report information about detailed study on the shore protection works.
17) PP to include in the EIA report information about measures to prevent further deterioration of the estuarine river water quality and coastal ecology due to the proposed project.

13) PT to include in the EIA report information about details regarding blockages of creek if envisaged in the proposed project.
 13) PT to include in the EIA report information about details regarding blockages of creek if envisaged in the proposed project.
 19) PT to carry out Hydro-dynamics of estuary/creek from shoreline erosion perspective. The Hydro dynamic studies shall be undertaken for assessing whether the proposed activities shall have any significant impact to the shore line abutting the project as well as significant impact to the ecologically sensitive areas along the stretch. Details of the measures to be taken to ensure that there will be no adverse impact on the drainage of the area.

20) PP to include in the EIA report information about details of the existing sea traffic and proposed traffic after completion of the project. Mitigation measures required if any to ensure safe and hurdle free traffic movement.

hurdle free traffic movement.
21) PP to include in the EIA report information about impact of the construction/operation activities on noise and vibrations due to construction equipment, proposed increase in the numbers of boats, sea vehicles etc. and mitigation measures for the same.
22) PP to carry out risk assessment including effect of proposed activity of occupational health of the people working in the area and proposed mitigation measures to reduce the impact.
23) PP to include in the EIA report information about details of the use of lead free paints in the proposed project. PP t submit undertaking in this regard.
24) PP to include in the EIA report information about the details with respect to the number of fishermen living and /or fishing within the study area along with the exact distance of their habitation from the proposed facilities. Details of fish production in the region in last five years as per the records of fisheries department. Impact of the proposed activities on the fishery in the region. How, it would be ensured that fishing area will not be affected due to the proposed project activities.
25) PP to include in the EIA report information about anticipated environmental impacts due to the proposed project be evaluated for significance and based on corresponding likely impacts Valued Environmental Components (VEC's) be identified. Baseline studies be conducted within the study area of 10 km for all the concerned/identified VEC's and likely impact will have to be assessed for their magnitude in order to identify mitigation measures.
26) PP to include in the EIA report information about baseline ambient air quality data (except monsoon) to be given along with the dates of the monitoring. The parameters to be covered shall be in accordance with the revised National Ambient Air Quality Standards as well as project specific parameters. Location of the monitoring stations should be so decided so as to take into consideration the per

be in accordance with the revised National Ambient Air Quality Standards as well as project specific parameters. Location of the monitoring stations should be so decided so as to take into consideration the pre-dominant downwind direction, population zone and sensitive receptors. There should be at least one monitoring stations in the upwind direction and at least one monitoring stations and the pre-dominant downwind direction at a location where maximum ground level concentration is likely to occur. **27)** PP to include in the EIA report information about baseline status of the flora, fauna and marine biodiversity including that of phytoplankton and zooplankton in the study area shall be elaborated. Impact of the proposed activities on the marine biodiversity shall be elaborated. In case of existence of any scheduled fauna, conservation plan should be provided. **28)** Actual field survey shall be carried out for ascertaining base line status of coastal and marine flora, fauna including that of phytoplankton and zooplankton. Impacts of the proposed activities on the marine species be elaborated of any. **29)** Specific details of the utilities required, type and quantity of the fuel used for each utility, flue gas emission rate from each utility. Air Pollution Control Measures proposed in each utility is advance used in the advance with the advance it is advanced in the Att export.

along with its adequacy and efficiency, list of sources of the air emissions along with its quantification and proposed measures to control it etc. shall be included in the EIA report. 30) PP to include in the EIA report information about details of the generation of domestic sewage waste water with quantification, proposed measures to treat the waste water so as to meet the

stranded requirement of the CPCB and its safe and scientific disposal within the site 31) PP to include in the EIA report information about details of green belt development program including annual budget, types and number of trees to be planted, area under green belt evelopment on the map.

32) PP to include in the EIA report information about a detailed EMP including the protection and mitigation measures for the impacts on human health and environment as well as detailed environmental monitoring plan with respect to various parameters, environmental management cell proposed for implementation and monitoring on EMP as well as person responsible for the same. The EMP should also include the concept of waste minimization, energy conservation, natural resource conservation, pollution control, socio economic issues, waste treatment and disposal etc. Plan to ensure that existing environmental condition is not deteriorated due to discharge of various solid, liquid, gaseous pollutants.

33) PP to explore the maximum use of new and renewable energy in the proposed project

34) Traffic impact study including details of existing traffic density on the main road as well as secondary road in the vicinity, prediction of impact of additional traffic from the project on these roads along with the carrying capacity of existing roads.

36) Details of monitoring / supervision cell to monitor environmental aspects during construction and operational phase. Appointment of construction safety officer during the construction phase. 37) PP to include in the EIA report information about details of dust suppression measures proposed during construction phase.

(a) PP to include in the EIA report information about details of disaster management plan.
 (40) PP to include in the EIA report information about details of action plan showing list of socio economic upliftment activities based on socio economic profile of the surrounding villages and need based field assessment along with the fund allocation in the EMP.

 41) PP to include coastal geo morphology in the EIA report.
 42) Apart from the terrestrial EIA study, marine EIA study should be conducted in order to assess impacts of the proposed activities on the marine environment as well as fishery and according to the same, mitigation measures shall be planned

43) PP to include all above points in the EIA /EMP report and submit final copy for appraisal.



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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166th Meeting of State Level Expert Appraisal Committee (SEAC-1) (Day - 1)

SEAC Meeting number: 166 Meeting Date May 27, 2019

Subject: Environment Clearance for Establishment of Pilot Plant for Synthetic Organic Chemicals (Specialty chemicals and API and its formulation) by Aarti Industries Limited at Plot No. A-94/1 & A-94/1/1, Khairane MIDC, TTC Industrial Area, Thane

Is a Violation Case: No

1.Name of Project	Establishment of Pilot Plant for Synthetic Organic Chemicals (Specialty chemicals and API and its formulation) by Aarti Industries Limited at Plot No. A-94/1 & A-94/1/1, Khairane MIDC, TTC Industrial Area, Thane			
2.Type of institution	Private			
3.Name of Project Proponent	Aarti Industries Limited			
4.Name of Consultant	Aditya Environmental Services Pvt Ltd			
5.Type of project	Industrial Project, Category 5 (f)- B as per EIA notification 2006			
6.New project/expansion in existing project/modernization/diversification in existing project	New Project			
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable			
8.Location of the project	Plot No. A-94/1 & A-94/1/1, Khairane MIDC, TTC Industrial Area, Thane			
9.Taluka	Thane			
10.Village	Kopar khairane			
Correspondence Name:	Premnath R			
Room Number:	-			
Floor:				
Building Name:	-			
Road/Street Name:				
Locality:	-			
City:				
11.Whether in Corporation / Municipal / other area	Khairane MIDC, TTC Industrial area			
	Plot allotment from MIDC			
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Plot allotment from MIDC			
Approvaritvaniser	Approved Built-up Area: 4129.35			
13.Note on the initiated work (If applicable)	Not applicable			
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Plot allotment from MIDC			
15.Total Plot Area (sq. m.)	6576 sq. m.			
16.Deductions	Not applicable			
17.Net Plot area	Not applicable			
10 (a) Droposed Dutle and the (FOT C	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.): 4080.92			
	Approved FSI area (sq. m.): 1.5			
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): Not applicable			
	Date of Approval: 07-02-2019			
19.Total ground coverage (m2)	Not applicable			
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable			
21.Estimated cost of the project				

approverses		Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	 Dr. Umakant Dangat
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	2	2.Number of	buildin	gs & its confi	guration		
Serial number	Buildin	ıg Name & number	Nu	mber of floors	Height of the building (Mtrs)		
1	1	Not applicable	1	Not applicable	Not applicable		
23.Number tenants an		Not applicable					
24.Number expected r users		Not applicable					
25.Tenant per hectar		Not applicable					
26.Height building(s)					0		
27.Right o (Width of t from the n station to t proposed h	the road earest fire the	Min 6 m	Min 6 m				
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation							
29.Existing structure (S			
30.Details demolition disposal (I applicable	i with f	Not applicable					
		31.	Product	tion Details			
Serial Number	Pro	duct Existin	ng (MT/M)	Proposed (MT/M)	Total (MT/M)		
1	synthetic chemic Specialty API a	lant for c organic als (e.g. chemicals nd its ations)	0	5	5		
32.Total Water Requirement							



		Source of wa	ter	MIDC						
		Fresh water (CMD):		98 cmd						
		Recycled wat Flushing (CM		Not applicable						
		Recycled wat Gardening (C		Not applical	ole					
		Swimming po make up (Cu		Not applical	ole					
Dry season: Requirement (CMD) :				98 cmd						
Und		Fire fighting Underground tank(CMD):		Not applical	ble			0		
Fire fighting - Overhead water tank(CMD):				Not applical	ble		0	0		
		Excess treate	d water	Not applical	ole					
		Source of wa		Not applicat						
		Fresh water		Not applical	ole					
		Recycled wat Flushing (CM		Not applical	ole	\bigcirc				
Recycled water - Gardening (CMD):				Not applicable						
		Swimming po make up (Cu		Not applicable						
Wet seaso	n:	Total Water Requirement :	(CMD)	Not applicable						
		Fire fighting Underground tank(CMD):		Not applicable						
		Fire fighting Overhead wa tank(CMD):	ter	Not applicable						
		Excess treate	d water	Not applicable						
Details of pool (If an		Not applicable	•							
		33.	Detail	s of Tota	l water co	nsume	d			
Particula rs	Cons	umption (CM	D)	Ι	Loss (CMD)		Efi	fluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	0	20	20	0	5	5	0	15	15	
Industrial Process	0	15	15	0	2	2	0	13	13	
Cooling tower & thermopa ck	0	52	52	0	45	45	0	7	7	
Gardening	0	11	11	0	11	11	0	0	0	

1 - Anortheses			Signature:
CEG4			Name: Dr. Umakant Gangatrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 14	Dr. Umakant Dangat
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	Level of the Ground water table:	2 to 5 m bgl and 5 to 10 mbgl				
	Size and no of RWH tank(s) and Quantity:	Not applicable				
	Location of the RWH tank(s):	Not applicable				
34.Rain Water Harvesting	Quantity of recharge pits:	Not applicable				
(RWH)	Size of recharge pits :	Not applicable				
	Budgetary allocation (Capital cost) :	Not applicable	2			
	Budgetary allocation (O & M cost) :	Not applicable				
	Details of UGT tanks if any :	Not applicable				
	Natural water drainage pattern:	Not applicable				
35.Storm water drainage	Quantity of storm water:					
	Size of SWD:					
	Sewage generation in KLD:	15 cmd				
	STP technology:	Biological STP				
Sewage and	Capacity of STP (CMD):	15 cmd				
Waste water	Location & area of the STP:	within plot				
	Budgetary allocation (Capital cost):					
	Budgetary allocation (O & M cost):	t				
		d waste Managen				
Waste generation in	Waste generation:	Minor quantity of debris/ Dem	olition waste			
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Debris/ Demolition waste will be reused for leveling of plot				
	Dry waste:	Glass waste- 0.5 TPM, Paper Waste- 0.05 TPM, Cotton waste- 0.05 TPM, E-waste- 2 TPM				
	Wet waste:					
Waste generation in the operation Phase:	Hazardous waste:	ETP Waste, Process residue & waste Residue, 30% HCl, Used oil, Spent Carbon and filter medium, Spent Acid, CaCl2 Solution, Empty barrels/ Carboys/ containers / Empty glass bottles/ liners contaminated with hazardous chemicals / waste, Spent Catalyst, Spent Solvent, Inorganic Salt, Off specification products				
	Biomedical waste (If applicable):					
	STP Sludge (Dry sludge):	Yes.				
	Others if any:					
Abhay Pimparkar (Secre SEAC-I)	etary SEAC Meeting N	o: 166 Meeting Date: May 27, 2019	Page 15Dr. Umakant Dangatof 190(Chairman SEAC-I)			

		Dry waste:	Sale to MoEFCC/ SPCB authorized recyclers / party						
		Wet waste							
		Hazardous	waste:	CHWTSDF/ Sale to authorized Re processor					
Mode of a of waste:	-		Biomedical waste (If applicable):						
	STP Sludg sludge):			Will be use	d onsite as n	nanure			
Others if any:									
		Location(s	;):	Within plot					
Area for t of waste & material:			ne storage other	Will be deta	ailed in EIA				
		Area for m	achinery:	Not applica	ble				
	allocation	Capital cos	st:					6	
(Capital co O&M cost)		O & M cos	t:	Rs. 4 Lakhs	per annum				
			37.Ef	fluent C	harecter	estics			
Serial Number	Paran	neters	Unit	Inlet E	affluent terestics	Outlet E Charecte		Effluent discharge standards (MPCB)	
1	р	H		5.5	5-9	6.5 t	:0 9	6.5 to 9	
2	Oil and	grease	mg/lit	1	5	< 1	LO	< 10	
3	BC	DD	mg/lit	1000		< 100		< 100	
4	TS	SS	mg/lit	300		< 100		< 100	
5	CC	DD	mg/lit	25	00	< 250		< 250	
6	TI	DS	mg/lit	4000			L00	< 2100	
Amount of e (CMD):	effluent gene	eration	20 cmd						
Capacity of	the ETP:		20 cmd						
Amount of t recycled :	reated efflue	ent	Nil						
Amount of v	water send to	o the CETP:	20 cmd						
Membershi	p of CETP (if	require):	CETP mem	bership will	be obtained				
	P technology			Ū	tertiary trea				
Disposal of	the ETP sluc	lge	ETP sludge	will be sent	to CHWTSD	F for disposa	l.		
			38. Ha	zardous	Waste D	etails			
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal	
1	ETP s	ludge	35.3	TPM		1	1	CHWTSDF	
2	Process r wa		28.1	TPM		1	1	CHWTSDF	
3	Resi	idue	28.1	TPM		1	1	CHWTSDF	
4	30%	HCl	26.3	TPM		1.5	1.5	Authorised reprocessor/recycler	
5	Use	d oil	5.1	TPM		1	1	Authorised reprocessor/recycler	
6	Spent Ca filter n	rbon and 1edium	36.2	TPM		1	1	CHWTSDF	

age of the ser		Signature:
Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 166 Meeting Date: May 27, 2019	Dr. Umakant Dangat (Chairman SEAC-I)

			-	_	_	_	-		
7	Spen	t Acid	26.3	TPM		2	2	Authorised reprocessor/recycler	
8	CaCl2	Solution		TPM		1	1	Authorised reprocessor/recycler	
9	Carboys/ /Empty gla liners cor with ha	barrels/ containers ass bottles / ataminated azardous als/ waste	33.1	Nos/ month		1000	1000	Authorised reprocessor/recycler	
10	Spent	Catalyst	26.5	TPM		0.5	0.5	Authorised reprocessor/recycler	
11	Spent	Solvent	20.2	TPM		1	1	CHWTSDF/Authorized reprocessor	
12	Inorga	nic Salt	B15	TPM		1	1	CHWTSDF	
13		cification ducts	28.4	TPM		1	1	CHWTSDF	
			39.5	Stacks em	ission D	etails		V	
Serial Number	Section	a & units		J sed with antity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Boiler (1 7	ſPH steam)	kg/day	e oil- 1600 OR Natural 0 Nm3/ Day	1	30	As per std	As per std	
2	DG set (750 KVA)	HSD-2	225 Lit/Hr	2	5.5 above roof	As per std	As per std	
3	DG set (750 KVA)	HSD-2	225 Lit/Hr	3	5.5 above roof	As per std	As per std	
4	Acidic g	ases vent			4	11	As per std	As per std	
5	Alkaline	gases vent			5	11	As per std	As per std	
			40.D	etails of l	Fuel to b	e used			
Serial Number	Туј	pe of Fuel		Existing		Proposed		Total	
1	Fι	ırnace oil			1600 kg/ day		7	1600 kg/ day	
2	Na	atural gas			1	700 Nm3/ Da	ay	1700 Nm3/ Day	
3		HSD			450 Lit/ Hr			450 Lit/ Hr	
41.Source o				m nearby sou	rce				
42.Mode of	Transporta	tion of fuel to	site By 1	road					
	<u> </u>								
Total RG a No of tree				rea : Green belt: 2567 sq. m s to be cut Not applicable					
		: Number of be planted		~ 50 nos.					
Develop	ment	List of pro native tree	posed						
		Timeline f completion plantation	n of	As per proj	As per project development				
	44.Nu	mber and	l list of	trees spe	cies to b	e plante	d in the	ground	
		-						ja je	

approver and a			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 17	Dr. Umakant Dangat
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Serial Number	Name of	the plant	Comm	on Name	Quai	ntity	Characteristics & ecological importance		
1					-				
45	.Total qua	ntity of plan	ts on grou	und					
46.Num	nber and	list of sl	nrubs a	nd bushes	s species	to be pl	anted in the podium RG:		
Serial Number		Name		C/C Dista	nce		Area m2		
1									
		-		47.E	nergy				
	Source of power supply :			MSEDCL					
		During Co Phase: (De Load)		2000 KVA			60		
		DG set as back-up du construction	ıring	2 DG sets ('	750 KVA eac	h)	NOV		
Pov	107	During Op phase (Cor load):		2000 KVA (proposed)	~			
require		During Op phase (Der load):		2000 KVA	2000 KVA				
		Transform	er:	Not applica	Not applicable				
		DG set as bl back-up du operation	ıring	2 DG sets o	2 DG sets of 750 KVA each				
		Fuel used:		HSD for DO	HSD for DG sets				
		Details of I tension lin through th any:	e passing	Not applica	Not applicable				
		48.Ene	rgy sav	ing by no	n-conven	tional n	nethod:		
Not applica	ble	7							
		4	9.Detai	l <mark>calculat</mark> i	ons & %	of savin	g:		
Serial Number	E	nergy Cons	ervation M	leasures	easures Saving %				
1		Not	applicable				Not applicable		
	5	50	.Details	of pollut	ion contr	ol Syste	ems		
Source	Ex	isting pollu	tion contr	ol system		Pro	oposed to be installed		
Air emissions					St	tack height,	Scrubbers for process emissions		
Effluent generation							ETP, STP		
Hazardous waste						CHWTS	DF, Authorized reprocessors		
	allocation	Capital cos	st:						
(Capital O&M		O & M cos	t:						

agger of the set		Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Dr. Umakant Dangat
SEAC-I)	2019	(Chairman SEAC-I)

51	.Envi	ronmen	ntal Mar	nage	me	ent p	olan Bı	ıdg	etary	Alloca	ation
		a)) Constru	c tion]	pha	se (v	with Bre	ak-u	ı p):		
Serial Number	Att	ributes	Para	Parameter			Total (Cost p	oer annu	m (Rs. In I	.acs)
1			-	-							
]	b) Operat	ion Pl	has	e (wi	th Brea	k-up):		
Serial Number	Com	ponent	Descr	iption		Cap	ital cost Rs Lacs	. In		tional and ost (Rs. in	Maintenance Lacs/yr)
1	Air Pollu	tion Control	From Utilit and I	ies, Proc)G set	cess		12			12	
2		onmental nitoring	-	nmental toring						10	
3		Pollution ontrol	E	ΤР			100			12	
4	Soli	us Waste and d waste agement	of Hazard and Non	Storage and Disposal of Hazardous waste and Non hazardous waste				6		4	
5		en Belt lopment	Maintenan	Development and Maintenance of Green Belt			10		3	12	
6		pational Health PPE, and Safety		ty Tanni	ng	g 105			12		
51.S	torag	e of ch	emicals	(infl sub			-	osiv	/e/haz	zardou	s/toxic
Description Status		Locatio	Location		orage pacity MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT		Source of Supply	Means of transportation	
Furnac	ce oil	proposed	Within pl	ot		3	2		2	Local	By road
			52.A	ny Ot	her	' Info	ormation	1			
No Informa	tion Availa	ble									
			53.	Traffi	сM	Iana	gement				
	5			Not apj	plica	ble					



	Number and area of basement:	Not applicable					
	Number and area of podia:	Not applicable					
	Total Parking area:	746 sq.m					
	Area per car:	Not applicable					
	Area per car:	Not applicable					
	Number of 2-						
Parking details:	Wheelers as approved by competent authority:	Not applicable					
	Number of 4- Wheelers as approved by competent authority:	Not applicable		68			
	Public Transport:	Not applicable					
	Width of all Internal roads (m):	Min. 6 m					
	CRZ/ RRZ clearance obtain, if any:						
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable					
	Category as per schedule of EIA Notification sheet	5 (f)- B, Synthetic organic chem	iical manufa	acturing facility			
	Court cases pending if any	Not applicable					
	Other Relevant Informations	Not applicable					
	Have you previously submitted Application online on MOEF Website.	Yes					
	Date of online submission	05-02-2019					
SEAC	DISCUSSION	ON ENVIRONME	NTAL .	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						
Abhay Pimparkar (Secre SEAC-I)		o: 166 Meeting Date: May 27, 2019	Page 20 of 190	Signature: Name: Dr. Umakant Gaugenzo Dangat Dr. Umakant Dangat (Chairman SEAC-I)			

Not Applicable
Not Applicable
Brief information of the project by SEAC
Colin DA

ageneratives: Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 166 Meeting Date: May 27, 2019

Signature: Name: Dr. Umakant Gångetrao Dangat Dr. Umakant Dangat **Page 21** of 190 (Chairman SEAC-I)

1 ŝ PP submitted their application for the grant of TOR under category 5(f)B1 for their R&D and pilot sclae manufacturing as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015 in 163rd meeting held on 15.03.2019.

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

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

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.

The additional ToR points given area as below,

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

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

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

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

5. PP to include detailed water balance calculations along with design details of zero liquid discharge ETP in the EIA report.

6. PP to carry out HAZOP and QRA and submit disaster management plan with repsect to the hazardous processess and handling of high potency drugs.

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 submit hazardous chemical handling protocol

9. 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.

10. PP to prepare laboratory safety manual for all the labs propsoed in the project. PP to submit format of technology transfer document considering environmental and safety factors.

11. PP to prepare the Legal Register with respect to compliance of various Acts , Rules and Regulations applicable to the manufacturing activities.

Noe, PP submitted their letter dated 04.04.2019 requesting to make changes in the point No. 5 of the ToR granted in 163rd meeting of SEAC-1.

The orginal condition in ToR reads as below,

"Project Proponent to include detailed water balance calculations along with design details of Zero Liquid Discharge Effluent Treatment Plant."

PP requested to change the above condition as under,

"Project Proponent to include detailed water balance calculations along with design details of Effluent Treatment Plant."

PP in their letter mentioned that, the total waste water generation is ,

i) Doemstic Sewage - 15 CMD

ii) Trade effluent - 20 CMD

PP proposes to provide Sewage Treatment Plant for the doemssstic sewage. The treated sewage will be reused for gardining/ green belt maintenance.

Whereas the treade effleunt will be treated in Primary, Secondary and Tertiary effleunt treatment plant follwoed by disinfection and will be discherged to the Thane Belapur CETP.

PP also mentioned that, it is not practical, feasible and viable to set up Zero Liquid Discharge effleunt treatment plant for such as samll establishment which consits of pilot plant and R&D facility.

DECISION OF SEAC

CEC P	
Abhay Pimparkar (Secreta	ry
SEAC-I)	

20 Aress

SEAC Meeting No: 166 Meeting Date: May 27, 2019

	Signature:
	Name: Dr. Umakant Gangetreo Dangat
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PP remained absent.

Hence, deferred

Specific Conditions by SEAC:

PP to submit certificate of incorporation of the company, list of board of directors and memorandum of articles.
 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 with repsect to the hazardous processess and handling of high potency drugs.

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 submit hazardous chemical handling protocol

9) 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.

10) PP to prepare laboratory safety manual for all the labs propsoed in the project. PP to submit format of technology transfer document considering environmental and safety factors.

11) PP to prepare the Legal Register with respect to compliance of various Acts , Rules and Regulations applicable to the manufacturing activities.

FINAL RECOMMENDATION

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



166th Meeting of State Level Expert Appraisal Committee (SEAC-1) (Day - 1) SEAC Meeting number: 166 Meeting Date May 27, 2019

Subject: Environment Clearance for Environmental Clearance for proposed expansion project of Aims Impex Pvt. Ltd. for production capacity enhancement and introduction of new products.

	*				
Is a Violation Case: No					
1.Name of Project	M/s Aims Impex Pvt. Ltd.				
2.Type of institution	Private				
3.Name of Project Proponent	Mr. Suresan Kodakkal Puthiyaveetil				
4.Name of Consultant	M/s Sadekar Enviro Engineers Pvt. Ltd.				
5.Type of project	Flavour and fragrance ingredients manufacturing industry, Schedule 5 (f), Category - B1 under EIA Notification 2006.				
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project.				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No.				
8.Location of the project	Plot No : 948/2, Sinnar Taluka Industrial Cooperative Estate (STICE), Musalgoan, Tal : Sinnar & Dist : Nashik, Maharashtra, India. PIN: 422112				
9.Taluka	Sinnar				
10.Village	(STICE), Musalgaon.				
Correspondence Name:	Mr. Suresan Kodakkal Puthiyaveetil				
Room Number:	1004				
Floor:	10th Floor				
Building Name:	'B' Wing, Peninsula Tower				
Road/Street Name:	G.K.Marg				
Locality:	Lower Parel				
City:	Mumbai - 400 013.				
11.Whether in Corporation / Municipal / other area	STICE Industrial Area.				
	NA				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: NA				
Approval Number	Approved Built-up Area: 3510				
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.)	28300				
16.Deductions	NA				
17.Net Plot area	NA				
5	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.): 10391				
	Approved FSI area (sq. m.): NA				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): NA				
DOR	Date of Approval: 23-03-2018				
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	75000000				

Abhay Pimparkar (Secretary SEAC-1)	SEAC Meeting No: 166 Meeting Date: May 27, 2019		Signature: Name: Dr. Umakant Gangetzeo Dangat Dr. Umakant Dangat (Chairman SEAC-1)
---------------------------------------	----------------------------------------------------	--	---------------------------------------------------------------------------------------------

	2	2.Num	ber of l	ouildin	gs & its co	onfig	uration	
Serial number	Buildin	g Name & 1	umber	Nu	mber of floors		Height of the building (Mtrs)	
1		NA			NA		NA	
23.Number tenants an		NA						
24.Number expected r users		NA						
25.Tenant density per hectare NA								
26.Height of the building(s)								
27.Right of way (Width of the road from the nearest fire station to the proposed building(s) Width of the road from the nearest fire station is 6 meters wide.							e.	
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation					s.			
29.Existing		ETP, cooling	g tower, boil	er house, fue		aintenan	ufacturing plant-2, F.G. Stores, ice room, D.G. room, Canteen, ot.	
30.Details demolition disposal (I applicable	n with f	NA						
			31.P	roduct	ion Detail	S		
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT	/M)	Total (MT/M)	
1	Cour	narin	3	0	220		250	
2	Salicyla	ldehyde	3	0	220		250	
3	speciality	l and other 7 flavour , ngredients.			42		42	
	SY	3	2.Tota	l Wate	r Require r	nent		



	Source of	of wate	r	NA							
	Fresh wa	ater (C	MD):	NA	NA						
	Recycleo Flushing			NA							
	Recycleo Gardeni			NA							
	Swimmi make up			NA							
Dry season:	Total Wa Require		CMD)	NA							
	Fire figh Undergr tank(CM	round w	vater	NA				2			
	Fire figh Overhea tank(CM	d wate	r	NA			2				
	Excess t	reated	water	NA							
	Source of			NA							
Fresh water			-	NA							
	Recycleo Flushing			NA							
	Recycleo Gardeni			NA							
	Swimming pool make up (Cum):			NA							
Wet season:	Total Wa Requires		CMD)	NA							
	Fire figh Undergr tank(CM	round w	vater	r NA							
	Fire figh Overhea tank(CM	d wate		NA							
	Excess t	reated	water	NA							
Details of Swimm pool (If any)	ng _{NA}										
		33. D	etail	s of Total water c	onsume	d					
Particula rs Con	sumption (CI	MD)		Loss (CMD)			Effl	uent (CMD)		
Water Require ment	g Proposed	Total		Existing	Proposed	Total	Existing	Proposed	Total		
Domestic 5	10	15		1	2	3	4	8	12		
Industrial Process 6	32	38		5.62	0.68	6.3	0.38	31.32	31.7		
Cooling tower & thermopa ck 15	158	173	8.	98 (condensate 5.9)	147.12	162	0.12	10.88	11		
Gardening 4	12	16		4	12	16	-	-	-		

approximates			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 26	Dr. Umakant Dangat
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Fresh water requireme nt	30	212	212 242 19.6 (Condensate 5.9) 161.8 187.3 4.5 50.2 5								
		Level of water ta		ound	Average premonsoon wa	ter level of	Sinnar	is 18.36 ml	bgl		
		Size and tank(s) a Quantity	and	RWH	The rain water collected from roof top will be connected to the RWH tank of capacity 20 CMD. Excess water will be connected to UG tank .						
		Location tank(s):	n of the	RWH	Next to UG Tank.						
34.Rain W		Quantity pits:	y of rec	harge	NA						
Harvestin (RWH)	g	Size of r :	echarg	e pits	NA						
		Budgeta (Capital		cation	1,00,000						
		Budgeta (O & M d		cation	5,000						
		Details of if any :	of UGT	tanks	Details of UGT Tanks if a Fire Fighting tank of 100 nos 100 CMD						
		Natural drainage		rn:	Slope within plot area is	towards ea	st direc	tion.			
35.Storm drainage	water	Quantity water:	y of sto	rm	2,547 m3/hr.						
	S				The SWD having dimens along the plant boundary		n width I	X 0.6m dep	oth X 813 m	length	
	Sewage generation in KLD:				12.0 KLD						
		STP tecl	nnology	y:	Sewage waste water will treatment plant.	l be treated	in the a	eration tai	nk of the eff	fluent	
Sewage a	and	Capacity (CMD):	of STI	2	NA						
Waste wa	ater	Location the STP:		a of	NA						
		Budgeta (Capital		cation	n NA						
	9	Budgeta (O & M d		cation	n _{NA}						
			36.	Soli	d waste Manag	gemen	t				
Waste gene		Waste g	enerati	on:	Construction debris will structures.	be generate	ed after	constructi	on of propo	sed	
the Pre Cor and Constru phase:		Disposa construc debris:			It will be used within the plant premises for levelling purposes and the metal scrap will be sold to authorised vendors.						
		Dry was	te:		M.S Scrap - 10.0 MT/A, Wooden Palate - 1000 Nos/A, Paper Waste - 100 Kg/M, Battery Waste - 5 Kg/A, E-Waste - 5 Kg/A.						
		Wet was	te:		NA						
Waste ger in the ope Phase:		Hazardo	ous was	te:	Residue & Waste - 67 M nos./M, ETP Sludge - 19. oil - 1.0 MT/M, Distillatio other solvents - 50 MT/M Magnesium Sulphate / C (Equivalent to Anhydrou methanol solution 75 I	2 MT/A, MI on Residue 4, Recovere chloride as s s salt) – 175	EE Resid 71.3 M d acetic alt or as 5 MT/M,	due/salts - T/M, Spen acid - 275 s aqueous Methyl fo:	300 MT/M, t Methanol .10 MT/M, solution rmate Pure	Spent and	
		D'ana l'		1. (16							

		Dry waste:		Sold to auth	norised vend	ors			
		Wet waste	•	NA					
Mode of 1	Disposal	Hazardous	s waste:	The recyclable wastes like Discarded Container/Barrels/ Liners, spent oil, spent solvents, will be sold to approved recyclers, other hazardous waste will be sent to CHWTSDF, Ranjangaon for disposal.					
of waste:		Biomedica applicable		NA					
		STP Sludg sludge):	e (Dry	NA					
		Others if a	ny:	NA					
		Location(s):	Dedicated H near ETP A		/aste storage	area of 40 s	sq. m. will be provided	
Area requirem	ent:	Area for th of waste & material:		Dedicated I	Hazardous W	Vaste storage	area of 40 s	sq. m. will be provided	
		Area for m	achinery:	NA					
Budgetary (Capital co		Capital cos	st:	5 lakhs					
O&M cost)		O & M cos	t:	NA					
			37.Ef	fluent C	harecter	estics			
Serial Number	Paran	neters	Unit		ffluent erestics		Effluent erestics	Effluent discharge standards (MPCB)	
1	p	H	-	4	.6	7	.5	5.5-9	
2	TI	DS	mg/l	450	000	15	5.2	2100	
3	BC	DD	mg/l	174	150	6	.7	250	
4	CC)D	mg/l		000	2	4	30	
5	0 8		mg/l	7	.8	BI	DL	10	
Amount of effluent generation (CMD): 54.7				ΔV					
Capacity of	the ETP:		60 CMD	$\mathbf{\mathbf{Y}}$					
Amount of treated effluent The treated project.				effluent will	l be entirely	reused for co	ooling tower	r – makeup. It is a ZLD	
Amount of v	vater send to	o the CETP:	Nil. Compa	ny will opera	te as a ZLD	unit.			
Membership	p of CETP (if	require):	Not Applica	able. Company will operate as a ZLD Unit.					
Note on ETP technology to be used Industry wi will be treat followed by				r treating add S, High COD ted separate ATFD, the c	ditional efflu and low cor ly. • The hig ondensates	ent load. • E nc. Streams o h TDS efflue along with lo	ffluent strea lepending or nt will be tre w conc. efflu	install ETP of 60 CMD ams will be segregated n their characteristics eated through an MEE uent, utility blow downs nk of ETP. • The treate	
Disposal of	the ETP slud	lge	ETP sludge	will be dispo	osed off to C	HWTSDF, Ra	anjangaon.		
			38.Ha	zardous	Waste D	etails			
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal	
1	Residue	& Waste	28.1	MT/M	0.1	66.9	67	To CHWTSDF	
2	Disca Containe Lin	r/Barrels/	33.3	Nos/ Annum	200	800	1000	To authorized recyclers	
3	ETD C	ludge	34.3	MT/A	2.0	17.2	19.2	To CHWTSDF	

agentities		Signature:
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1	(Existing) 2 MT/Hr steam boiler	all the	quette (for existing ities)	1	30	0.8	140-160°C
2	(Existing) 4 lakh kcal Thermic Fluid Heater	utili Coal: 4.2 M MT/D Brid	0	1	30	0.8	140-160°C
		utili	ities)				
3	(Existing) 10 lakh kcal Thermic Fluid Heater	MT/D Brid all the	MT/D or 4.6 quette (for existing ities)	1	30	0.8	140-160°C
4	(Existing) 225 kVA	High Speed Diesel : 30		1	4	0.1	156°C
	Diesel Generator (Proposed) 6 MT/Hr	Kg/hr (40 L/Hr) Coal : 16 MT/D Or					
5	steam boiler		17.6 MT/D	1	32	1.2	140-160°C
6	(Proposed) 10 lakh kcal Thermic Fluid Heater		MT/D Or : 7.8 MT/D	1	30	0.8	140-160°C
7	Scrubber		-	3	5m (above roof level)	0.2	30°C
8	(Proposed) 500 KVA		d Diesel : 75	1	4.5 m above roof	0.4	160-180°C
0	Diesel Generator	Kg/Hr (1	100 L/Hr)	1	top level	0.1	100 100 0
9	(Proposed) 500 KVA Diesel Generator		d Diesel : 75 100 L/Hr)	1	4.5 m above roof top level	0.4	160-180°C
	Dieser Generator				top level		
Sorial		40.De	tails of F	uel to b	e used		
Serial Number	Type of Fuel		Existing		Propose	d	Total
1	Coal/Briquette		4.2 MT/D/		23 MT/D / 30	MT/D	27.2 MT/D / 30 MT/D

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2	High	speed diesel	30) Kg/Hr (40 L/	/Hr)	150 Kg/Hr	(200 L/Hr)	180 Kg/Hr (240 L/Hr)	
41.Source	of Fuel			Coal : Local Supplier Briquette : Local Supplier High speed diesel: Local HP vendor					
42.Mode of	Transportat	tion of fuel to		By Road					
			I						
		Total RG a	rea :	9339.0 sq. m.					
		No of trees	s to be cut	cut _{NA}					
43.Gree		Number of be planted		to 1407 Nos.					
Development List of proposed native trees :			d List of proposed trees is mentioned i			ed in the tabl	e below.		
		Timeline fo completion plantation	n of	3 years after	r grant	of environme	ntal clearance		
	44.Nu	mber and	l list of t	rees spec	cies t	o be plan	ted in the	e ground	
Serial Number	Name of the plant Co		Commo	on Name		Quantity	Chara	cteristics & ecological importance	
1	Cassia fistula		Bah	iava		67	Sahyad	e tree of forest tracts of ri ranges having flowers ing bees and butterflies	
2	Bombax ceiba		Sa	war	C	67	fragran	ive deciduous tree with t flowers attracting large ber of birds & insects	
3	Asltonia shcolaris		Sapta	aparni		67	fragrant	ve evergreen tree with t flowers & leaves having tively higher dust settling index	
4	Macaranga peltata		Char	ndwar		67		tree found in abundance s the plains of Sahyadri ranges	
5	Schleichera oleosa		Kus	sum		67		deciduous trees of forest ts of Sahyadri ranges	
6	Microcos	paniculata	Shi	Shirali		67		evergreen medium sized forest tracts of Sahyadri ranges	
7	Terminal	ia elliptica	А	Ain		67		A native evergreen tree of forest tracts of Sahyadri ranges	
8	Terminalia	a paniculata	Kir	ndal		67		e deciduous tree of forest ts of Sahyadri ranges	
9	Terminal	ia bellirica	Bah	neda		67		e deciduous tree of forest ts of Sahyadri ranges	
10	Cordia d	lichotoma	Sh	elu		67	trac	e deciduous tree of forest ts of Sahyadri ranges g large number of insects	
11	Helicte	res isora	Muruo	lsheng		67	tree of	deciduous medium sized forest tracts of Sahyadri risited by large number of birds	
12	Holoptelea	integrifolia	Ainsa	adada		67		e deciduous tree of forest ts of Sahyadri ranges	

20Neolamarckia cadambaKadamba67A native evergreen tree with tremendous blooms attracting large number of insects	18	Trema orientalis Pongamia pinnata	Ghol Karanj	67	comparatively higher dust settling index A native deciduous tree well suited to intense heat and sunlight and						
21 Pterospermum acerifolium Muchkund 67 A native evergreen tree with large & hairy leaves having comparatively high dust settling index generally used for ornamental plantation 45.Total quantity of plants on ground 67 A native evergreen tree with large & hairy leaves having comparatively high dust settling index generally used for ornamental plantation	20		Kadamba	67	A native evergreen tree with tremendous blooms attracting						
	21 Arefore acerifolium Muchkund 67 Comparatively high dust settling index generally used for										
46.Number and list of shrubs and bushes species to be planted in the podium RG:	45.Total quantity of plants on ground										
	46.Nun	nber and list of sl	hrubs and bushe	s species to	be planted in the podium RG:						
Serial Name C/C Distance Area m2	Serial	Name	C/C Dista	ance	Area m2						
Number Name Cropistance Area inz 1 NA NA NA	Number 1	NA	NA								
	1	ÎNA		DOKOW	IIA						
			4/.E	nergy							
	Ĩ		47.E	nergy	111						
	46.Nun	nber and list of sl	hrubs and bushe	s species to	be planted in the podium RG:						
40. Number and list of sin ups and busiles species to be planted in the poulum Ko.			-	s spacios to	he planted in the podium PC.						
40.Number and list of sin ups and busiles species to be planted in the poulum KG:			-	concies to	he planted in the pedium DC.						
40.Number and list of shrubs and busiles species to be planted in the podium RG:											
46.Number and list of shrubs and bushes species to be planted in the podium RG:											
46.Number and list of shrubs and bushes species to be planted in the podium RG:	21 acerifolium Muchkund 67 comparatively high dust settling index generally used for ornamental plantation 45.Total quantity of plants on ground										
acerifolium index generally used for ornamental plantation 45.Total quantity of plants on ground	21	Pterospermum Muchkund 67 & & hairy leaves having									
21 Pterospermum acerifolium Muchkund 67 & hairy leaves having comparatively high dust settling index generally used for ornamental plantation 45.Total quantity of plants on ground	20		Kadamba	67	tremendous blooms attracting						
20 Neolamarckia cadamba Kadamba 67 tremendous blooms attracting large number of insects 21 Pterospermum acerifolium Muchkund 67 A native evergreen tree with large & hairy leaves having comparatively high dust settling index generally used for ornamental plantation 45.Total quantity of plats on ground	19	Pongamia pinnata	Karanj	67	to intense heat and sunlight and drought tolerant.						
19Pongamia pinnataKaranj67to intense heat and sunlight and drought tolerant.20Neolamarckia cadambaKadamba67A native evergreen tree with tremendous blooms attracting large number of insects21Pterospermum acerifoliumMuchkund67A native evergreen tree with large & hairy leaves having comparatively high dust settling index generally used for ornamental plantation45.Total quantity of plats on ground	18	Trema orientalis	Ghol	67	index						
18Trema orientalisGhol67tree with hairy leaves having comparatively higher dust settling index19Pongamia pinnataKaranj67A native deciduous tree well suited to intense heat and sunlight and drought tolerant.20Neolamarckia cadambaKadamba67A native evergreen tree with tremendous blooms attracting large number of insects21Pterospermum acerifoliumMuchkund67A native evergreen tree with large & hairy leaves having comparatively high dust settling index generally used for ornamental plantation	17	Dalbergia sissoo	Shisham	67	A native evergreen tree attracting large number of insects						
17Dambergia sissionSinshalin67large number of insects18Trema orientalisGhol67A native deciduous medium sized tree with hairy leaves having comparatively higher dust settling index19Pongamia pinnataKaranj67A native deciduous tree well suited to intense heat and sunlight and drought tolerant.20Neolamarckia cadambaKadamba67A native evergreen tree with tremendous blooms attracting large number of insects21Pterospermum acerifoliumMuchkund67A native evergreen tree with large & hairy leaves having comparatively high dust settling index generally used for ornamental plantation	16	Azadirachta indica	Kadulimb	67	A native evergreen tree capable of surviving in comparatively polluted environs						
16Azadirachta indicaKadulimb67surviving in comparatively polluted environs17Dalbergia sissooShisham67A native evergreen tree attracting large number of insects18Trema orientalisGhol67A native deciduous medium sized tree with hairy leaves having comparatively higher dust settling index19Pongamia pinnataKaranj67A native deciduous tree well suited to intense heat and sunlight and 	15	Erythrina suberosa	Pangara	67	A native deciduous medium sized tree of forest tracts of Sahyadri ranges visited by large number of birds						
15Erythrina suberosaPangara67tree of forest tracts of Sahyadri ranges visited by large number of birds16Azadirachta indicaKadulimb67A native evergreen tree capable of surviving in comparatively polluted environs17Dalbergia sissooShisham67A native evergreen tree attracting large number of insects18Trema orientalisGhol67A native deciduous medium sized tree with hairy leaves having comparatively higher dust settling index19Pongamia pinnataKaranj67A native deciduous tree well suited to intense heat and sunlight and drought tolerant.20Neolamarckia cadamba67Anative evergreen tree with large k hairy leaves having comparatively higher dust settling index generally used for ornamental plantation21Pterospermum acerifoliumMuchkund67A native evergreen tree with large k hairy leaves having comparatively high dust settling index generally used for ornamental plantation	14	Oroxylum indicum	Tetu	67	A native ornamental tree						
15Erythrina suberosaPangara67A native deciduous medium sized tree of forest tracts of Sahyadri ranges visited by large number of birds16Azadirachta indicaKadulimb67A native evergreen tree capable of surviving in comparatively polluted environs17Dalbergia sissooShisham67A native evergreen tree attracting large number of insects18Trema orientalisGhol67A native deciduous medium sized tree with hairy leaves having comparatively higher dust settling index19Pongamia pinnataKaranj67A native deciduous tree well suited 	13	Butea monosperma	Palash	67	abundantly visited by large number of birds						



		Source of power supply :	Maharashtra Stat	e Electricity Distribution Company Limited (MSEDCL)
		During Construction Phase: (Demand Load)	63 KVA	
		DG set as Power back-up during construction phase	NA	
Dee		During Operation phase (Connected load):	1725 KW	
require	wer ement:	During Operation phase (Demand load):	1475 KVA	
		Transformer:	1725 KW	
		DG set as Power back-up during operation phase:	1 x 225 KVA , 2 x	500 KVA
		Fuel used:	High Speed Diese	el
		Details of high tension line passing through the plot if any:	None	000
		48.Energy savi	ng by non-co	nventional method:
Solar power	r will be use	d for office building and s	street lights.	
		49.Detail	calculations	& % of saving:
Serial Number	Е	nergy Conservation M	easures	Saving %
1	Solar Street Lights			50 Nos
2				1 nos
50.Details of pollution control Systems				
Source	Existing pollution control system			Proposed to be installed
Air	Stack height of 30m each have been provided to existing boiler & 2 nos of thermopac having capacities 2 MT/Hr & Lakh Kcal/Hr & 10 Lack			 Stack of 32m will be provided to the proposed boiler of capacity 6 MT/Hr • Stack of 30m will be provided to the proposed thermopac of capacity 10 Lakh Kcal/Hr • Stack of 5 m (above roof) will be provided to the proposed Alkaline scrubber • Stack of 4.5m (above roof top) each will be provided to the proposed 2 nos of D.G. set of capacity 500 KVA. • The existing boilers are provided with cyclone seperators, however the proposed steam boilers will be provided with multicyclone seperators followed
Water.		1 CMD capacity comprisi econdary and Tertiary Tre		The company will operate as a ZLD unit ETP of 60 CMD capacity will be provided
Noise		nclosures have been prov e maintenance of all the equipments is/will be c	noise generating	Acoustic enclosures will be provided to the proposed D.G Sets. A thick green belt will be provided on the periphery of the plant premises.
Solid hazardous waste	demar	azardous waste is stored cated area, the recyclable rized vendors and the res CHWTSDF for dispos	es are sent to st are sent to	Existing pollution control systems are sufficient for the proposed expansion



	allocation	Capital cos	st:	2500000				
	cost and cost):	O & M cos	t:	100000				
51	.Enviro	onment	tal Mar	nageme	ent plan Budg	etary Allocation		
		a)	Constru	ction pha	se (with Break-u	ıp):		
Serial Number	Attri	butes	Parameter		Total Cost per annum (Rs. In Lacs)			
1 Air Pollution		llution		of water in cted area	0.5			
2 Sewage			of 2 Nos of iolets	0.8				
3 Safety		Purchase	e of PPE's		0.5			
		b) Operat	ion Phas	e (with Break-up):		
Serial Number	Comp	onent	Descr	iption	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)		
1	А	ir	stacks of 30m h proposed Thermo capacity 61 Lakh Respe Installatio having 5 each (abov for 3 nos c	on of new 32m and eight to boiler and opack of MT/Hr & 10 Kcal ctively. n of stacks m Height ve roof top) of proposed ers each.	36	4		
2	Water e expan ZLD		existing E total load effluer expansion I ZLD Syst	lation of TP to treat of 60 CMD it after by installing em (MEE, CO, ETP).	600	60		
3	No	Providing enclosu installatio absorbers		y acoustic ures and n of shock & vibration ng pads	5	2		
4	Occupatio	nal Health		f PPE's and heck ups	5	2		
5	Gree	n Belt		ent of green elt	5	3		
6	Solid	Waste	waste sto container disposal c CHW	e of solid rage bags, s. Cost for of waste to TSDF, ngaon.	5	300		
7	Rain water	harvesting	system a above collection	n of RWH long with ground tank of 20 ID.	1	0.05		

Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 166 Meeting Date: May 27, 2019		Signature: Name: Dr. Umakant Gangetreo Dangat Dr. Umakant Dangat (Chairman SEAC-I)
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8	Moni	conment toring & agement	Enviro monitoring	d Carbon		-		5.3		
9	Solar I	nstallation	Street light energy f	Provision of Solar Street lights and Solar energy for Office building.		20		1		
51.S	torag	e of ch	emicals		mabl tance	_	osive/haz	zardou	s/toxic	
Descrij	ption	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	
Salicylalo	dehyde	Liquid	Enclosed s	hed	238	100	238	Import	Sea and Sea and Road	
Acetic An	hvdride	Liquid	Enclosed s	hed	331	200	331	Import	Sea and Road	
Xyle	5	Liquid	Enclosed s		4	10	4	Local	Road	
Pher		Liquid	Enclosed s	hed	248	100	248	Local	Road	
HC	L	Liquid	Enclosed s	hed	131	50	131	Local	Road	
Sulphuri	ic Acid	Liquid	Enclosed s	hed	226.21	50	226.21	Local	Road	
Metha	anol	Liquid	Enclosed s	hed	11	10	11	Local	Road	
Citr	al	Liquid	Enclosed s	hed	83.3	15	83.3	Local	Road	
Cyclohe	exane	Liquid	Enclosed s	hed	5.9	2	5.9	Local	Road	
Anilin	e oil	Liquid	Enclosed sl	hed	44.6	15	44.6	Local	Road	
Paraforma	ldehyde	Solid	Enclosed s	hed	277.8	100	277.8	Local	Road	
Mg Tur	rning	Solid	Enclosed s	hed	37.5	20	37.5	Local	Road	
Sodium Bic (NaHC		Solid	Enclosed s	hed	10.0	5	10.0	Local	Road	
Soda	Ash	Solid	Enclosed sl	hed	1.79	1	1.79	Local	Road	
Zinc Ch	loride	Solid	Enclosed s	hed	1.0	0.5	1.0	Local	Road	
Sodium A	Acetate	Solid	Enclosed s	hed	2.0	0.5	2.0	Local	Road	
Magnesium	Sulphate	Solid	Enclosed s	hed	9.1	2	9.1	Local	Road	
Magnesium (Mg(O		Solid	Enclosed s	hed	7.5	4	7.5	Local	Road	
			52.A	ny Oth	er Info	rmation	l			
No Informa	tion Availa	ble								
			53.	Traffic	Manac	gement				
			he junction ain road & f	NA		-				



	Number and area of basement:		NA			
	Number and area of podia:		NA			
	Total Parking are Area per car:		2830.0 sq. m.			
			NA			
	Area per car:		NA			
Parking details:	Number of 2- Wheelers as approved by competent authority:		NA			
	Whee appro	Number of 4- Vheelers as pproved by ompetent uthority:				
	Publi	ic Transport:	NA			
		h of all Internal s (m):	6.0			
		CRZ/ RRZ clearance NA				
	Prote Critic areas areas	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries				
	sche	Category as per schedule of EIA B1 Notification sheet B1				
	Court cases pending if any		NA			
		r Relevant mations	NA			
	subn Appli	you previously nitted ication online OEF Website.	Yes			
		of online hission	19-10-2018			
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS						
Environmental Impacts of the project	Not A	pplicable				
Water Budget	Not A	pplicable				
Waste Water Treatment		pplicable				
Drainage pattern of the project	Not A	pplicable				
Ground water parameters	Not A	pplicable				
Solid Waste ManagementNot Applicable						
Abhay Pimparkar (Secretary SEAC-I)		SEAC Meeting N	o: 166 Meeting Date: May 27, 2019	Page 35 of 190	Signature: Name: Dr. Umakant Gangetreo Dangat Dr. Umakant Dangat (Chairman SEAC-I)	

Not Applicable					
Not Applicable					
Not Applicable					
Not Applicable					
Not Applicable					
Not Applicable					
Not Applicable					
Not Applicable					
Brief information of the project by SEAC					
A CALINDA OCC					

ageneratives: Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 166 Meeting Date: May 27, 2019

Signature: Name: Dr. Umakant Gångetrao Dangat Page 36 Dr. Umakant Dangat of 190 (Chairman SEAC-I)

1 ŝ
PP submitted their application for the grant of TOR under category 5(f)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015 in the 158th (B) meeting of SEAC-1 held on 04.01.2019 where in ToR was grnated to the PP with following additional ToR points,

1. PP to ascertain and submit notification stating that existing plot is located in the Notified Industrial Estate/Park/Area. In absence of the credible documents regariding notified Industrial Estate/Park/Area, PP to carry out Public Consultation as per procedure stipulated in the EIA Notification 2006 and submit complinace report of the issues raised during Public Consultation.

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

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

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

5. 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.

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

7. 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.

8. PP to submit strom water drain and rain water harvesting drawing superimposing contour levels on the layput.

9. PP to submit undertaking for not violating the requriements of EIA Notification, 2006.

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

11. 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.

12. PP to include detailed water balance calculations along with design details of zero liquid discharge ETP in the EIA report.

13. PP to carry out HAZOP and QRA and submit disaster management plan.

14. PP to submit hazardous chemical handling protocol

15. PP to submit technical note on how propsoed expansion will be acocmodated in the exisitng faciity along with structural stability certificate of existing buildings.

16. PP to explore possiblity to optimize process and production technology to reduce generation of liquid/solid/gaseous wastes and include the same in the EIA reprot.

17. PP to include water and carbon foot print monitoring in the monitoring schedule and EMP.

18. 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.

Now PP submitted EIA/EMP report for appraisal.

approprint			Signature: Name: Dr. Umakant Gangetreo Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 37	Dr. Umakant Dangat
SEAC-I)	2019	of 190	(Chairman SEAC-I)

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to submit justification for the exemption of Public Hearing along with credible documents from the Competent Authority.

2) PP to use briquettes as a fuel to the boiler.

3) PP to submit an undertaking for not adding any equipment, machinery in the existing plant to achieve proposed expansion quantities of production.

4) As per standard ToR point. PP to obtain and submit point wise compliance of the consent condition from the Maharashtra Pollution Control Board.

5) PP to submit revised compliance of point No. 9 of the standard ToR point.

6) PP to prepare and submit CER plan in consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.2018.

FINAL RECOMMENDATION

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

ageneratives Signature: SEAC Meeting No: 166 Meeting Date: May 27, Abhay Pimparkar (Secretary **Page 38** SEAC-I) 2019 of 190

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

ê. (Alla)

166th Meeting of State Level Expert Appraisal Committee (SEAC-1) (Day - 1) SEAC Meeting number: 166 Meeting Date May 27, 2019

Subject: Environment Clearance for Proposed Expansion of Synthetic Organic Chemicals Manufacturing Facility by Excel Industries Limited at Plot No.D-9, MIDC, Lote Parshuram, Taluka Khed, Dist. Ratnagiri

	-, -, ,,				
Is a Violation Case: No					
1.Name of Project	Proposed Expansion of Synthetic Organic Chemicals Manufacturing Facility by Excel Industries Limited at Plot No.D-9, MIDC, Lote Parshuram, Taluka Khed, Dist. Ratnagiri				
2.Type of institution	Private				
3.Name of Project Proponent	Excel Industries Limited				
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.				
5.Type of project	Industrial				
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion within existing manufacturing facility				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Existing EC letter SEAC-2010/CR.516/TC-2 dated 6th July 2011				
8.Location of the project	Plot No.D-9, MIDC, Lote Parshuram, Taluka Khed, Dist. Ratnagiri				
9.Taluka	Khed				
10.Village	Lote				
Correspondence Name:	Ekanath Karekar				
Room Number:	Plot No.D-9				
Floor:					
Building Name:					
Road/Street Name:	-				
Locality:					
City:					
11.Whether in Corporation / Municipal / other area	MIDC Lote Parshuram				
	MIDC Lote Parshuram				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: MIDC plot plan approval				
	Approved Built-up Area: 31173.63				
13.Note on the initiated work (If applicable)	Existing facility pertains to manufacturing of synthetic organic chemical.				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC plot plan approval				
15.Total Plot Area (sq. m.)	73303 sq.m				
16.Deductions	Not applicable				
17.Net Plot area	Not applicable				
	a) FSI area (sq. m.):				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.):				
	c) Total BUA area (sq. m.): 4890.30				
10 (1) 4	Approved FSI area (sq. m.): 1				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.):				
	Date of Approval: 22-05-2019				
19.Total ground coverage (m2)	21830.35				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	29.79				
21.Estimated cost of the project	70000000				

22.Number of buildings & its configuration

	SEAC Meeting No: 166 Meeting Date: May 27,		Signature: Name: Dr. Umakant Gangetrao Dangat Dr. Umakant Dangat
SEAC-I)	2019	of 190	(Chairman SEAC-I)

Serial numbe	- Ruildin	g Name & number	Number of floors	Height of tl	ne building (Mtrs)	
1	Not applicable Not a		Not applicable	Not	applicable	
23.Number of tenants and shops		Not applicable				
24.Num expecte users	ber of d residents /	No residents				
	Tenant density r hectare Not applicable					
26.Heig building	pht of the g(s)					
(Width from th station	t of way of the road e nearest fire to the ed building(s)	Min 6 m			8	
for easy fire ten moveme around excludii	Turning radius easy access of e tender vement from all bund the building cluding the width the plantation					
29.Exist structu	ting re (s) if any	Existing facility is for manufac	turing of synthetic organic	chemical.		
		Not applicable	A			
		31.Prod	uction Details			
Serial Number		Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)	
1	Sodiur	n Penta Chloro Phenate and its Formulations	1800 TPA	700 TPA	2500 TPA	
2	Hydroxy Ethylidene	Di- Phosphonic Acid and its Formulations (Coo Formulation)	ex 661 and 7200 TPA	27800 TPA	35000 TPA	
3		Acetyl Chloride	3600 TPA	2900 TPA	6500 TPA	
4	Sodium Sal	t of 5 Sulphono Isopathalic Dimethyl Ester (SIF		0 TPA	360 TPA	
5	Amino Tri-met	hylene Phosphonic Acid and its formulations (A		10800 TPA	12000 TPA	
6	Codex-551		600 TPA	0 TPA	600 TPA	
7	Dispercel -32 (Poly Maliec Acid)		252 TPA	0 TPA	252 TPA	
8		droxy Phenyl) Ethane]AND/OR DMBPC (Di-me yclohexane (DMBPC) and its Derivatives	thyl Bis Phenol 1025 TPA	475 TPA	1500 TPA	
9	Lauracel		30 TPA	0 TPA	30 TPA	
10	4 - Hydroxythiobenzamide FEBUXOSTAT T1		12 TPA	0 TPA	12 TPA	
11	Ethyl 2-(4-hydroxy	phenyl)-4-methylthiazole-5-carboxylate FEBUX	OSTAT T2 18 TPA	0 TPA	18 TPA	
12	Ethyl 2-(3-formyl-4 hydroxyphenyl)-4-methylthiozole-5-carboxylate FEBUXOSTAT T3		BUXOSTAT T3 15 TPA	105 TPA	120 TPA	
13	Ethyl 2-(3-formyl-4 isobutoxyxyphenyl)-4-methylthiozole-5-carboxylate FEBUXOSTAT		FEBUXOSTAT 14 TPA	0 TPA	14 TPA	
14		T4 utoxyxyphenyl)-4-methylthiozole-5-carboxylate 3-cyno-4 Isobutoxyphenyl)-4-methyl-1, 3 thiazol acid Febuxostat		33 TPA	75 TPA	
15	Ethyl 2-(3-cyno-4	Isobutoxyphenyl)-4-methyl-1, 3 thiazole-5carbo FEBUXOSTAT T-6	xylic acid 0 TPA	25 TPA	25 TPA	
10	5-(Bromomethyl)-4-(4-flu	uorophenyl)-6-(-1-methylethyl)-2-methyl (methy pyrimidine Z 7 Br	lsulfonyl)amino 48 TPA	0 TPA	48 TPA	
16						
10		rophenyl)-6-(1-methylethyl)-2[methyl methylsu idinyl] methyl] triphenyl bromide (1:1) Z 8.2	lfonylamino]-5 60 TPA	0 TPA	60 TPA	



25 TPA

20 TPA

0 TPA

0 TPA

25 TPA

20 TPA

N- [4-(4- Flurophenyl) -5 formyl-6-(1-methylethyl)-2-pyrimidinyl]-N-methyl methane sulfonamide Z 7 Formyl

6-Hydroxy-3,4-dihydro-1H-quinoline-2-one 6 HQ

18

19

21 1.3: 24 - is: 12- dimetry bench patches and NOPA 73 TPA 0 TPA 73 TPA 22 16: 0 cycly Prosphane and NOPA 73 TPA 0 TPA 73 TPA 23 Prograde in (19) - 4 dimetry bench be	20	acid Fexofenad (hydroxydiphenylme	lmethyl)-1-piperidinyl]-hydroxybutyl]- line N-1 and / OR a,a- Dimethyl -4-[1- thyl)-1-piperidinyl)—piperidinyl]butyi (Fexofenadine Hydrochloride) and its	- Hydroxy -4 [4- l]-benzeneacetic acid	26 TPA	0 TPA	26 TPA
23 Pregabeliu (B) -34aminomethyl-5-methylmeanoic acid) and its intermitations 20 TPA 0 TPA 20 TPA 24 Stagliptine Prophol. (C) -1011monthyl 5, 37. a technology (L, 24 transol (L, 34 transol (L,	21	1,3; 2,4 -	-bis (3,4- dimethyl benzylidene) sorbi	tol Exclar	75 TPA	0 TPA	75 TPA
24 Stadpliptice Programshylof, 57, 21 - tetrahydrof 12, 4] travalo (4,3-e) 20 TFA 0 TFA 20 TFA 25 44,54 A Methydrom(3), 3 (rfflormenthyly prace) 4.1] binzmenellosamine and Celecoth intermediate (4.1) discretiones i-sufformative and Sufformative and discretiones i-sufformative and Celecoth intermediate i-sufformative and Celecoth intermediate (CMD): Certain discretiones i-sufformative and Celecoth intermediate (CMD): Contral i-sufformative (CMD): Certain discretiones i-sufformative and Celecoth intermediate (CMD): Certain i-sufformative (CMD): Certain i-sufformative (CMD): Certain i-sufformative (CMD): Certain i-sufformatione (CMD): Ce	22		n- Octyl Phosphonic acid NOPA		75 TPA	0 TPA	75 TPA
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38 Solifenacin Base 0 TPA 3 TPA 3 TPA 39 Solifenacin Succinate 0 TPA 3 TPA 3 TPA 40 Sertaconozole 0 TPA 20 TPA 20 TPA 41 Nizatidine 0 TPA 20 TPA 20 TPA 42 (R)-9{2(phosphonomethoxy) propyl Adenine (PMPA) 75 TPA 0 TPA 25 TPA 43 Flurobenzene, its Derivatives and other fluorinated compounds 0 TPA 1000 TPA 44 Phoponates and its Derivatives 0 TPA 500 TPA 500 TPA 45 Phosphates and the rivatives 0 TPA 500 TPA 500 TPA 46 Phosphates and the drivatives 0 TPA 500 TPA 500 TPA 47 Hydrochloric acid 1000 TPA 60000 TPA 60000 TPA 48 R&D and Pilot for Industrial Chemicals and Intermidiates 0 TPA 60 TPA 60 TPA Source of water Flushing (CMD): 848 cmd Recycled water - Flushing (CMD): 848 cmd Recycled water - Gardening (CMD): Not applicable Swimming pool make up (Cum): Not applicable Total Water Requirement (CMD) 1330 cmd			5 S S S S	0 4 .			
39 Solifenacin Succinate 0 TPA 3 TPA 3 TPA 40 Sertaconozole 0 TPA 20 TPA 20 TPA 41 Nizatidine 0 TPA 25 TPA 25 TPA 42 (R)-912(phosphonomethoxy) propyll Adenine (PMPA) 75 TPA 0 TPA 75 TPA 43 Flurobenzene , its Derivatives and other fluorinated compounds 0 TPA 1000 TPA 1000 TPA 44 Phosphates and its Derivatives 0 TPA 500 TPA 500 TPA 45 Phosphates and etervatives 0 TPA 500 TPA 500 TPA 47 Hydrochloric acid 15000 TPA 60000 TPA 75000 TPA 48 R&D and Pilot for Industrial Chemicals and Intermidiates 0 TPA 60 TPA 60 TPA Source of water Flushing (CMD): 848 cmd Recycled water - Flushing (CMD): Not applicable Dry season: Total Water Not applicable Total Water Requirement (CMD); 1330 cmd	37	PPZ-1-(3-Methyl-1-phenyl-1-pyrazol-5-yl) pip	erazine.	0 TPA	25 TPA	25 TPA
40 Sertaconozole 0 TPA 20 TPA 20 TPA 41 Nizatidine 0 TPA 25 TPA 25 TPA 42 (R)-912(phosphonomethoxy) propyl) Adenine (PMPA) 75 TPA 0 TPA 75 TPA 43 Flurobenzene, its Derivatives and other fluorinated compounds 0 TPA 1000 TPA 1000 TPA 44 Phoponates and its Derivatives 0 TPA 500 TPA 500 TPA 45 Phosphates and its Derivatives 0 TPA 500 TPA 500 TPA 46 Phosphates and its derivatives 0 TPA 500 TPA 500 TPA 47 Hydrochloric acid 15000 TPA 60 000 TPA 60 000 TPA 48 R&D and Pilot for Industrial Chemicals and Intermidiates 0 TPA 60 TPA 60 TPA Source of water MLDC Fresh water (CMD): 848 cmd Recycled water - Flushing (CMD): 482 cmd Recycled water - Flushing (CMD): Not applicable Dry season:	38		Solifenacin Base		0 TPA	3 TPA	3 TPA
41 Nizatidine 0 TPA 25 TPA 25 TPA 42 (R)-9[2(phosphonomethoxy) propyl Adenine (PMPA) 75 TPA 0 TPA 75 TPA 43 Flurobenzene, its Derivatives and other fluorinated compounds 0 TPA 1000 TPA 1000 TPA 44 Phosphates and its Derivatives 0 TPA 500 TPA 500 TPA 45 Phosphates and derivatives 0 TPA 500 TPA 500 TPA 46 Phosphates and its derivatives 0 TPA 500 TPA 500 TPA 47 Hydrochloric acid 15000 TPA 60000 TPA 60000 TPA 48 R&D and Pilot for Industrial Chemicals and Intermidiates 0 TPA 60 TPA 60 TPA Source of water MIDC Fresh water (CMD): 848 cmd Recycled water - Flushing (CMD): Not applicable Total Water Requirement Dry season: Total Water Requirement (CMD) 1330 cmd	39		Solifenacin Succinate		0 TPA	3 TPA	3 TPA
42 (R)-9/2(phosphonomethoxy) propyl] Adenine (PMPA) 75 TPA 0 TPA 75 TPA 43 Flurobenzene , its Derivatives and other fluorinated compounds 0 TPA 1000 TPA 1000 TPA 44 Phoponates and its Derivatives 0 TPA 500 TPA 500 TPA 45 Phosphates and derivatives 0 TPA 500 TPA 500 TPA 46 Phosphites and its derivatives 0 TPA 500 TPA 500 TPA 47 Hydrochloric acid 15000 TPA 60000 TPA 75000 TPA 48 R&D and Pilot for Industrial Chemicals and Intermidiates 0 TPA 60 TPA 60 TPA Source of water Flushing (CMD): 848 cmd Recycled water - Flushing (CMD): 482 cmd Not applicable Total Water Bequirement (CMD): Not applicable	40		Sertaconozole		0 TPA	20 TPA	20 TPA
43 Flurobenzene, its Derivatives and other fluorinated compounds 0 TPA 1000 TPA 1000 TPA 44 Phoponates and its Derivatives 0 TPA 500 TPA 500 TPA 45 Phosphates and derivatives 0 TPA 500 TPA 500 TPA 46 Phosphates and its derivatives 0 TPA 500 TPA 500 TPA 47 Hydrochloric acid 0 TPA 60000 TPA 75000 TPA 48 R&D and Pilot for Industrial Chemicals and Intermidiates 0 TPA 60 TPA 60 TPA Source of water Fresh water (CMD): 848 cmd Recycled water - Flushing (CMD): 482 cmd Recycled water - Gardening (CMD): Not applicable Swimming pool make up (Cum): Not applicable Total Water Requirement (CMD) 1330 cmd	41		Nizatidine		0 TPA	25 TPA	25 TPA
44 Phoponates and its Derivatives 0 TPA 500 TPA 500 TPA 45 Phosphates and derivatives 0 TPA 500 TPA 500 TPA 46 Phosphates and its derivatives 0 TPA 500 TPA 500 TPA 47 Hydrochloric acid 0 TPA 500 TPA 500 TPA 48 R&D and Pilot for Industrial Chemicals and Intermidiates 0 TPA 60 TPA 60 TPA Source of water MIDC Fresh water (CMD): 848 cmd Recycled water - Flushing (CMD): 482 cmd Recycled water - Gardening (CMD): Not applicable Total Water Requirement (CMD): Swimming pool make up (Cum): Total Water Requirement (CMD) 1330 cmd	42	(R)-9-[2	(R)-9-[2(phosphonomethoxy) propyl] Adenine (PMPA)			0 TPA	75 TPA
45 Phosphates and derivatives 0 TPA 500 TPA 500 TPA 46 Phosphates and its derivatives 0 TPA 500 TPA 500 TPA 47 Hydrochloric acid 15000 TPA 60000 TPA 75000 TPA 48 R&D and Pilot for Industrial Chemicals and Intermidiates 0 TPA 60 TPA 60 TPA 60 TPA Source of water MIDC Fresh water (CMD): 848 cmd Recycled water - Flushing (CMD): Recycled water - Flushing (CMD): Not applicable Swimming pool make up (Cum): Total Water Requirement (CMD) 1330 cmd	43	Flurobenzen	e , its Derivatives and other fluorinate	ed compounds	0 TPA	1000 TPA	1000 TPA
46 Phosphites and its derivatives 0 TPA 500 TPA 500 TPA 47 Hydrochloric acid 15000 TPA 60000 TPA 75000 TPA 48 R&D and Pilot for Industrial Chemicals and Intermidiates 0 TPA 60 TPA 60 TPA 32.Total Water Requirement MIDC Fresh water (CMD): 848 cmd Recycled water - Flushing (CMD): 482 cmd Recycled water - Gardening (CMD): Not applicable Swimming pool make up (Cum): Not applicable Total Water Requirement (CMD) 1330 cmd	44		Phoponates and its Derivatives		0 TPA	500 TPA	500 TPA
47 Hydrochloric acid 15000 TPA 60000 TPA 75000 TPA 48 R&D and Pilot for Industrial Chemicals and Intermidiates 0 TPA 60 TPA 60 TPA 60 TPA 32.Total Water Requirement MIDC Fresh water (CMD): 848 cmd Recycled water - Flushing (CMD): 482 cmd Recycled water - Gardening (CMD): Not applicable Swimming pool make up (Cum): Not applicable Total Water Requirement (CMD) 1330 cmd	45	Phosphates and derivatives			0 TPA	500 TPA	500 TPA
48 R&D and Pilot for Industrial Chemicals and Intermidiates 0 TPA 60 TPA 60 TPA 32.Total Water Requirement MIDC Fresh water (CMD): 848 cmd Recycled water - Flushing (CMD): 482 cmd Recycled water - Gardening (CMD): Not applicable Swimming pool make up (Cum): Not applicable Total Water Requirement (CMD) 1330 cmd	46		Phosphites and its derivatives		0 TPA	500 TPA	500 TPA
Source of water MIDC Fresh water (CMD): 848 cmd Recycled water - Flushing (CMD): 482 cmd Recycled water - Gardening (CMD): Not applicable Swimming pool make up (Cum): Not applicable Total Water Requirement (CMD): 1330 cmd	47		Hydrochloric acid		15000 TPA	60000 TPA	75000 TPA
Source of water MIDC Fresh water (CMD): 848 cmd Recycled water - Flushing (CMD): 482 cmd Recycled water - Gardening (CMD): Not applicable Swimming pool make up (Cum): Not applicable Total Water Requirement (CMD): 1330 cmd	48	R&D and					60 TPA
Fresh water (CMD): 848 cmd Recycled water - Flushing (CMD): 482 cmd Recycled water - Gardening (CMD): Not applicable Swimming pool make up (Cum): Not applicable Total Water Requirement (CMD): 1330 cmd			32.Tota	l Water R	equirem	ent	
Recycled water - Flushing (CMD): 482 cmd Recycled water - Gardening (CMD): Not applicable Swimming pool make up (Cum): Not applicable Dry season: Total Water Requirement (CMD) 1330 cmd			Source of water	MIDC			
Flushing (CMD): 462 cmd Recycled water - Gardening (CMD): Not applicable Swimming pool make up (Cum): Not applicable Total Water Requirement (CMD) 1330 cmd			Fresh water (CMD):	848 cmd			
Gardening (CMD): Not applicable Swimming pool make up (Cum): Not applicable Dry season: Total Water Requirement (CMD) 1330 cmd				482 cmd			
make up (Cum): Not applicable Dry season: Total Water Requirement (CMD) 1330 cmd				Not applicable			
Requirement (CMD) 1330 cmd			Not applicable				
	Dry sea			1330 cmd			
Fire fighting - Underground water tank(CMD): Not applicable		C		Not applicable			
Fire fighting - Overhead water tank(CMD):			Overhead water	Not applicable			
Excess treated water Not applicable			Excess treated water	Not applicable			



		Source of wa	ter	Not applical	ole				
		Fresh water	(CMD):	848 cmd					
		Recycled wat Flushing (CM		482 cmd	482 cmd				
		Recycled wat Gardening (C		Not applicat	ole				
		Swimming po make up (Cu		Not applical	ole				
Wet seasor	n:	Total Water Requirement :	(CMD)	1330 cmd					
		Fire fighting Underground tank(CMD):		Not applicat	ole			0	
		Fire fighting Overhead wa tank(CMD):		Not applical	ole			6	
		Excess treate	ed water	Not applical	ole				
Details of S pool (If any		Not applicable	•			C			
		33.	.Detail	s of Tota	l water co	nsume	d		
Particula rs	Cons	sumption (CM	D)	I	Loss (CMD)		Effluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	66	20	86	3	2	5	63	18	81
Industrial Process	123	596	719	41	141	182	82	455	537
Cooling tower & thermopa ck	218	232	450	215	223	438	3	9	12
Gardening	50	25	75	50	25	75	0	0	0
								-	
		Level of the G water table:	Ground	1.42 m to 16	5.32 m bgl (pos	st monsoo	n)		
		Size and no c tank(s) and Quantity:	of RWH	RWH is directly connected to cooling tower basin					
	SY	Location of t tank(s):	he RWH	RWH is directly connected to cooling tower basin					
34.Rain V Harvestir		Quantity of r pits:	echarge	No					
(RWH)	2	Size of recha :	rge pits	No					
		Budgetary al (Capital cost							
		Budgetary al (O & M cost)							
		Details of UG if any :	T tanks						

agger of the set		Signature: Name: Dr. Umakan Gangetrao Dangat
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	Natural water drainage pattern:	
35.Storm water drainage	Quantity of storm water:	
	Size of SWD:	600 mm x 1000 mm
	Sewage generation in KLD:	81 cmd
	STP technology:	Not applicable. Sewage will be treated in combined ETP (At Aeration tank)
Sewage and	Capacity of STP (CMD):	-
Waste water	Location & area of the STP:	-
	Budgetary allocation (Capital cost):	-
	Budgetary allocation (O & M cost):	-
	36.Soli	d waste Management
Waste generation in	Waste generation:	Minor quantity of construction debris will be generate.
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Construction debris will be disposed off as per norms.
	Dry waste:	Used Bags: 450 Nos./A, Oil Tin: 650 Nos./A, Wooden pallets: 3000 Nos./A, Plastic/Polyvinyl Bags: 28200 Nos./A, M.S. Scrap: 150 TPA, Canteen Waste: 20 TPA. Paper Waste: 15 TPA, Boiler ash: 4200 TPA, Fly ash: 21 TPA
	Wet waste:	
Waste generation in the operation Phase:	Hazardous waste:	Filter and Filter Material containing organic chlorine compound, ETP Sludge from Primery Treatment, Sludge generated Spray Dryer, Spent organic catalyst, Distillation Residue, Distillation residue from R&D and Pilot Plant, Flue Gas Cleaning Residue(Boiler shoot, Spent in Exchange resins, Used/ Spent oil, Discarded Containers, Spent acid, Spent solvent
	Biomedical waste (If applicable):	Waste sharps: 20 kg/Month, Expired or Discarded Medicines: 10 kg/Month, Soiled Waste: 40 kg/Month
	STP Sludge (Dry sludge):	
	Others if any:	E waste: 5 TPA
Ċ	Dry waste:	Non Hazardous waste will be sale to authorized dealer
2	Wet waste:	
	Hazardous waste:	hazardous waste will be disposed off as per Hazardous waste rule 2016.
Mode of Disposal of waste:	Biomedical waste (If applicable):	Biomedical waste will be disposed off as per norms.
	STP Sludge (Dry sludge):	
	Others if any:	E waste will be disposed off to authorized dealer



		Location(s	s):	within plot						
Area requiren	ient:	Area for th of waste & material:		within plot						
		Area for m	achinery:	No						
	allocation	Capital co	st:	Rs. 25 Laki	15					
(Capital cost)		O & M cos	t:	Rs. 245 Lal	chs					
			37.Ef	fluent C	harecter	estics				
Serial Number	Parar	neters	Unit	Inlet E	Effluent terestics	Outlet I Charect		Effluent discharge standards (MPCB)		
1	р	H		4 t	:0 6	6.5	to 9	< 6.5 to 9		
2	Total Suspe	ended solids	mg/L	400 t	io 500	10	00	< 100		
3	Total Disso	lved Solids	mg/L	8000 to	o 10000	21	00	< 2100		
4		l Oxygen 1and	mg/L	8000 to	o 10000	25	50	< 250		
5	Ammonica	al Nitrogen	mg/L	70 to	o 100	5	0	< 50		
Amount of (CMD):	effluent gene	eration	630 cmd							
Capacity of	the ETP:		Existing ET	'P- 175 cmd,	Proposed ET	ГР- 500 cmd				
Amount of recycled :	treated efflu	ent	482 cmd							
Amount of water send to the CETP: 148 cm			148 cmd (a	8 cmd (as per existing CTO)						
Membership of CETP (if require): Yes			Yes							
Note on ET	P technology	to be used	Aeration $>$	ed Effluent > Equalization > Neutralization > coagulation > Pri. clarifier > n > Sec. clarifier > Pressure sand filter > Activated carbon filter > RO unit > neate recycle > RO reject & High Load stream to MEE > MEE permeate to						
Disposal of	the ETP slue	lge	To CHWTS	DF						
			38.Ha	zardous	Waste D	Details				
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	Material organic	nd Filter containing chlorine	36.2	TPA	3	6	9			
		ound			5	0	-	Landfill at CHWTSDF		
2	& Grease		35.3 & 35.4	TPA	200	12300	12500	Landfill at CHWISDF		
2 3	& Grease res	oound ludge & oil skimming		TPA TPA						
	& Grease res Spent orga	oound ludge & oil skimming due	35.4		200	12300	12500	Landfill at CHWTSDF Incineration at		
3	& Grease res Spent orga Distillatio Process	oound ludge & oil skimming due nic catalyst	35.4 29.5	TPA	200	12300 8	12500 12	Landfill at CHWTSDF Incineration at CHWTSDF Incineration at		
3	& Grease resi Spent orga Distillatio Process resi Other H waste (1	oound ludge & oil skimming due nic catalyst n Residue waste &	35.4 29.5 20.3	TPA TPA	200 4 300	12300 8 600	12500 12 900	Landfill at CHWTSDF Incineration at CHWTSDF Incineration at CHWTSDF Incineration at		

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8	Discarded Containers	33.1	Nos./A	12710	25420	38130	Sale to Authorised Agency
9	Spent Acid	26.3	TPA	1645	0	1645	Sale to Authorized
10	Dil Methanol	28.6	TPA	450	0	450	Sale to Authorized party
11	Dilute Acetic Acid	26.3	TPA	1200	0	1200	Sale to Authorized party
12	Methanol	28.6	TPA	600	0	600	Sale to Authorized party
13	Sodium Sulphite 30%	26.3	TPA	936	0	936	Sale to Authorized party
14	Spent Ethyl Bromide	26.3	TPA	187.5	0	187.5	Sale to Authorized party
15	Spent Magnesium Acetate	26.3	TPA	75	0	75	Sale to Authorized party
16	Spent Sodium Bromide Solution	26.3	TPA	1424.5	0	1424.5	Sale to Authorized party
17	Dilute Thiophosphoric Acid	26.3	TPA	11.75	0	11.75	Sale to Authorized party
18	Dilute Methane Sulphonic Acid	26.3	TPA	195	0	195	Sale to Authorized party or CHWTSDF after treatment
19	Dilute Dimethyl Formamide	26.3	TPA	56	0	56	Sale to Authorized party
20	Dilute Bromide Solution	26.3	TPA	140	0	140	Sale to Authorized party
21	Formic Acid	26.3	ТРА	96	0	96	Sale to Authorized party
		39.St	tacks em	ission D	etails		
Serial Number Section & units Fuel Used with Quantity				Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	6 TPH & 12 TPH Boiler (Existing)	Coal: 3	38 TPD		30	1.1	160
2	12 TPH Boiler (Proposed)	Coal: 4	18 TPD		Common stack ht. 49 m	Stack Dia. 1.2 m	160
3	12 TPH Boiler (Proposed)	Coal: 4	18 TPD		Common stack ht. 49 m	Stack Dia. 1.2 m	160
4	500 KVA DG set (Existing)	HSD: 75	5 kg/day		15	0.15	160
5	1010 KVA DG set (Existing)	HSD: 0.	.16 TPD		as per CPCB norms	as per norms	160
6	1250 KVA D.G. Set (Proposed)	HSD: 25	00 Lit/Hr		Stack ht. 7.5 m above roof	as per norms	160
7	1250 KVA D.G. Set (Proposed)	HSD: 25	00 Lit/Hr		Stack ht. 7.5 m above roof	as per norms	160

agent and and the			Signature: Name: Dr. Umakant Gangetrao Dangat
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8	Spray Dryer (Existing)	Coal: 8.4 TPD	-	-	15	0.75	5	90
9	HCL Tail Gas Tower S-4		-	-	15	0.05	5	30 - 40
10	Acetyl Chloride Packing Scrubber S-5		-	-	10	0.05	5	30 - 40
11	Acetic Acid Scrubbing Stack S-6		-	-	12	0.05	5	30 - 40
12	PCL3 Scrubber Stack S-7		-	-	12	0.05	5	30 - 40
13	Acetyl Chloride Scrubber Stack S-8		-	-	12	0.05	5	30 - 40
14	Drum Dryer Stack S-9		-	-	25	0.45	5	30 - 40
15	Packing Area Stack S-10		-		25	0.45	5	30 - 40
16	Reactor (Neutralizer Stack) S-11		-	-	25	0.2		30 - 40
17	HCL Scrubber System Stack S-12		-	-	25	0.05	5	30 - 40
18	HCL Scrubber System Stack S-13		-		15	0.08	8	30 - 40
19	Common Vent Scrubber stack S-14		-	-	15	0.05		30 - 40
20	SO2 Scrubber System stack S-15		-		15	0.15		30 - 40
21	HCL Scrubbing System Stack S-16		-	5	15	0.1		30 - 40
22	SO2 Scrubbing System		-	-	Stack ht. 15 m	Stack Dia, 0.15 m		30 - 40
23	HCl Scrubbing System		-	-	Stack ht. 15 m	Stack Dia, 0.1 m		30 - 40
24	Acetic Acid Scrubbing		-	-	Stack ht. 12 m	Stack Dia, 0.05 m		30 - 40
25	PCl3 Scrubbing	<u> </u>	-	-	Stack ht. 12 m	Stack Dia, 0.05 m		30 - 40
26	Acetyl Chloride		-	-	Stack ht. 12 m	Stack Dia, 0.05 m		30 - 40
27	HCl Scrubbing System		-	-	Stack ht. 15 m	Stack Dia, 0.1 m		30 - 40
28	Reactor Neutralizer, Biocel		-	-	Stack ht. 25 m	Stack 1 0.2 1		30 - 40
29	Common Vent Scrubber stack		-	-	Stack ht. 15 m	Stack 1 0.05		30 - 40
30	Common Vent Scrubber stack		-	-	Stack ht. 15 m	Stack 1 0.05		30 - 40
		40.Details of l	Fuel	to b	e used			
Serial Number	Type of Fuel	Existing	Proposed				Total	
1	Coal	46.4 TPD			96 TPD			142.4 TPD
2	HSD	9.79 kg/ Hr			500 Lit/Hr		9.79 kg/ Hr & 500 Lit/ Hr	
41.Source of Fuel from nearby source								
42.Mode of	Transportation of fuel to	site By road						

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		Total RG a	rea :	Green belt	area: 25090.60 sq.m			
: Number		No of trees	s to be cut					
		Number of be planted		Approx. 2000 nos. of trees during proposed project				
Develop	ment	List of pro native tree						
		Timeline for completion plantation	n of	of As per project development				
	44.Nu	mber and	l list of t	rees spe	cies to be planted	l in the ground		
Serial Number	Name of	the plant	Commo	n Name	Quantity	Characteristics & ecological importance		
1	Cocos r	nucifera	Coce	onut	As per green belt area	Suitable for green belt		
2	Bauhinia	purpurea	Bah	unia	As per green belt area	Suitable for green belt		
3	Areca o	catechu	Are	eca	As per green belt area	Suitable for green belt		
4		horbe icaulis	Bottle	Palm	As per green belt area	Suitable for green belt		
5		arpus phyllus	Jack	fruit	As per green belt area	Suitable for green belt		
6	Cinnamon	ium verum	Cinamonum		As per green belt area	Suitable for green belt		
7	Garcini	a indica	Garcinia / Kokam		As per green belt area	Suitable for green belt		
8	Plumer	ria alba	Alpinia / Chaffa		As per green belt area	Suitable for green belt		
9	Azadirachta indica		Neem		As per green belt area	Suitable for green belt		
10	Terminalia catappa		Badam		As per green belt area	Suitable for green belt		
11	Citrus au	rantiifolia	Lime		As per green belt area	Suitable for green belt		
12	Deloni	x regia	Gulmohar		As per green belt area	Suitable for green belt		
13	Psidium	guajava	Guava		As per green belt area	Suitable for green belt		
14	Caryot	a urens	Surmad		As per green belt area	Suitable for green belt		
15	Manilkaı	ra zapota	Sapota		As per green belt area	Suitable for green belt		
16	Samanea saman Raintree		tree	As per green belt area	Suitable for green belt			
17	7 Pongamia pinnata		Pong	amia	As per green belt area	Suitable for green belt		
18		horum arpum	Peltop	horum	As per green belt area	Suitable for green belt		
19	Moringa	oleifera	Drun	Drumstick As per gre		Suitable for green belt		
20		aena ephala	Suba	bhul	As per green belt area	Suitable for green belt		
21	Cassia	fistula	Bah	ava	As per green belt area	Suitable for green belt		
22	Syzygiur	n cumini	Jam	bhul	As per green belt area	Suitable for green belt		
23	Pterocarpu	s santalinus	Raktac	handan	As per green belt area	Suitable for green belt		
24	Moru	s alba	Mulk	berry	As per green belt area	Suitable for green belt		
25		narckia Imba	Kadam	b / Niv	As per green belt area	Suitable for green belt		
26	Bambusa	u vulgaris	Bam	lboo	As per green belt area	Suitable for green belt		
27		tyloma arpum	Tan	nini	As per green belt area	Suitable for green belt		
28		grandiflora	Aga	athi	As per green belt area	Suitable for green belt		

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29	Ficus r	religiosa	Fie	cus	As per gree	en belt area	Suitable for green belt	
30	Acacia	nilotica	Aca	asia	As per gree	en belt area	Suitable for green belt	
31	Mangife	era indica	Mango As per green belt area Suitable for green				Suitable for green belt	
32	Mimuso	ps elengi	Ba	kul	As per gree	en belt area	Suitable for green belt	
33	Ficus ber	nghalensis	Baniya	an tree	As per gree	en belt area	Suitable for green belt	
34	Ficus r	acemosa	Um	ıbar	As per gree	en belt area	Suitable for green belt	
35	Ficus r	religiosa	Pin	npal	As per gree	en belt area	Suitable for green belt	
45	5.Total qua	ntity of plants on	grou	nd				
46.Nun	ıber and	l list of shrub	os an	d bushes	s species	to be pla	anted in the podium RG	
Serial Number		Name		C/C Dista	nce		Area m2	
1								
				47.Eı	nergy	2	0	
		Source of power supply :	r	From MSEI	DCL		_0V	
		During Constru Phase: (Demano Load)		1600 KVA	1600 KVA			
		DG set as Power back-up during construction ph		500 KVA				
Power requirement: During Operation phase (Connected load): During Operation phase (Demand load):				4800 KVA				
				4800 KVA				
		Transformer:		6 MVA				
		DG set as Power back-up during operation phase	\mathbf{x}	500 KVA, 1010 KVA & 2 nos. 1250 KVA				
		Fuel used:	7	HSD				
		Details of high tension line pas through the plo any:	sing t if					
		48.Energy	savi	ng by no	n-conven	tional m	ethod:	
				0 0				
	67	49.De	etail	calculati	ons & %	of savin	u :	
Serial	E	Energy Conservat			asures Saving %			
Number 1								
1			aile	of pollut	ion contr	ol Svoto		
C	-			of pollut				
Source	Ex	cisting pollution	contro	of system		Pro	posed to be installed	
Air pollution	Bag ho	ouse, Cyclone sepa	Wet scrubbe	r	Bag house, Cyclone separator			
Water pollution		ETP, RO, Spray dryer ETP, RO, MEE						
							6	
	Aness?						Signature:	

		Signature:	
		Name: Dr. Umakant Gangetreo Dangat	
SEAC Meeting No: 166 Meeting Date: May 27,	Page 48	Dr. Umakant Dangat	
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Noise pollution	A	coustic enc	losure, Silenc	ers, PPE		Acoustic enclosure, Silencers, PPE				
Hazardous waste	Disposal to CHWTSDF, Authorized recycler					Disposal to CHWTSDF, Authorized recycler				
Budgetary (Capital		Capital c	ost:							
0&M		0 & M co	st:							
51	.Envir	onmen	tal Mar	nagem	ient j	plan Bu	udgetary	v Alloca	ation	
		a)	Constru	c <mark>tion p</mark> l	nase (v	with Bre	ak-up):			
Serial Number	Attr	ibutes	Para	meter		Total (C <mark>ost per annu</mark>	m (Rs. In I	lacs)	
1				-						
]	b) Operat	ion Pha	nse (wi	i th Brea l	k-up):	6		
Serial Number	Com	ponent	Descr	iption	Cap	ital cost Rs Lacs		tional and ost (Rs. in	Maintenance Lacs/yr)	
1	Air Pollut	ion Control	From Utilit	ies, Proces	s	100		10		
2		nmental itoring	Regular N	Ionitoring		0		5		
3		Pollution ntrol	ETP, R	O, MEE		1250		400		
4	Hazardous Waste and Solid waste management		of Hazard and Non	e and Disposal ardous waste on hazardous waste			2.5			
5		Green Belt Development		ment and ce of Green elt				2.5		
6	Green	Initiative		Solar power installation		25		2.5		
7		onal Health Safety	PPE, Safet	PPE, Safety Tranning		25		20		
8		elfare and ftment	CER H	Budget		70				
51.S	torage	e of che	emicals	(infla subs		es)	osive/ha	zardou	s/toxic	
Descrij	ption	Status	Locatio		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	
Metha	anol	Existing & Proposed	Within pl	ot 6	69 KL, 24 KL	L'ELE		from nearby source	By road	
Etha	nol	Existing & Proposed	Within pl	ot	2 nos. of 16 KL	2 nos. of 16 KL	refer PFR	from nearby source	By road	
Tolue	ene	Existing & Proposed	Within pl	ot	2 nos. of 15 KL	2 nos. of 15 KL	refer PFR	from nearby source	By road	

age of the set			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 49	Dr. Umakant Dangat
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Acetic Acid	Existing & Proposed	Within plot	100 KL, 50 KL	100 KL, 50 KL	refer PFR	from nearby source	By road
Caustic Lye	Existing & Proposed	Within plot	2 nos. of 35 KL	2 nos. of 35 KL	refer PFR	from nearby source	By road
Ethyl Acetate Storage Tank	Existing & Proposed	Within plot	20 KL, 30 Kl	20 KL, 30 Kl	refer PFR	from nearby source	By road
Phosphorus Trichloride	Existing & Proposed	Within plot	2 nos. of 80 KL	2 nos. of 80 KL	refer PFR	from nearby source	By road
Codex 661	Existing & Proposed	Within plot	120 KL, 80 KL	120 KL, 80 KL	refer PFR	from nearby source	By road
Codex 8503/ Codex 4503/ Codex 5323	Existing & Proposed	Within plot	40 KL, 160 KL	40 KL, 160 KL	refer PFR	from nearby source	By road
Formaldehyde	Existing & Proposed	Within plot	2 nos. of 30 KL	2 nos. of 30 KL	refer PFR	from nearby source	By road
Phenol	Existing	Within plot	78 KL	78 KL	refer PFR	from nearby source	By road
HCl	Existing & Proposed	Within plot	210 Kl, 190 KL	210 KL, 190 KL	refer PFR	from nearby source	By road
Biocel Solution	Existing	Within plot	30 KL	30 KL	refer PFR	from nearby source	By road
Biocel 90	Existing & Proposed	Within plot	2 nos. of 10 KL	2 nos. of 10 KL	refer PFR	from nearby source	By road
Aniline	Proposed	Within plot	30 KL	30 KL	refer PFR	from nearby source	By road
Methane Sulphonic Acid	Proposed	Within plot	30 KL	30 KL	refer PFR	from nearby source	By road
52.Any Other Information							
No Information Availa	No Information Available						
	53.Traffic Management						
Nos. of the junction to the main road & design of confluence:							



		Number and area of basement:					
		Number and area of podia:					
		Total Parking area:	9144.79 sq.m				
		Area per car:					
		Area per car:					
Parking de	etails:	Number of 2- Wheelers as approved by competent authority:					
		Number of 4- Wheelers as approved by competent authority:	- 68				
		Public Transport:					
		Width of all Internal roads (m):	Minimum 6 m inte	ernal road			
		CRZ/ RRZ clearance obtain, if any:	Not applicable				
Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries			Not applicable				
Category as per schedule of EIA Notification sheet			5 (f)- B Synthetic organic chemical manufacturing facility				
		Court cases pending if any	Not applicable				
		Other Relevant Informations	Not applicable				
		Have you previously submitted Application online on MOEF Website.	Yes				
		Date of online submission	03-03-2018				
		TOR S	Suggested	Changes			
Consolidated Statement Point Number	2	Original Remarks		Submitted Changes			
18 (a). Proposed Built- up Area (FSI & Non- FSI)		FSI area (sq. m.): Not applic	able	4346.4 m2			
21Estimated cost of the project (Rs)		125000000		70000000			
4-[4-[4-(hydroxydiphenylmethyl)-1-piperidiny 31 Production details [4- (hydroxydiphenylacetic acid Fexofenadine N-1 and / OR [4- (hydroxydiphenylmethyl)-1-piperidinyl)—piperidin hydrochloride (Fexofenadine Hydrochloride			a,a- Dimethyl-4-[1- Hydroxy-4 hyl]butyl]-benzeneacetic acis hydrochloride (Fexofenadine Hydrochloride) and its derivatives 4-[4-[4- (hydroxydiphenylmethyl)-1-piperidinyl]-hydroxybutyl]-a-a-dimethylphenylacetic acid				
31 Production details		hosphonium, {[4-(4-flurophenyl)-6-(1-met lfonylOamino]-5 pyrimidinyl] methyl] trip		Phosphonium, {[4-(4-flurophenyl)-6-(1-methylethyl)-2[methyl methylsulfonylamino]-5 pyrimidinyl] methyl] triphenyl bromide (1:1) Z 8.2			
31 Production details	4-[5-(4-Met	hylphenyl)3-3-(trifluoromethyl pyrazol-1-) intermediate (4- Hydrazinobenzene-1-su	yl] benzenesulfonamide and	4-[5-(4-Methylphenyl)-3-(trifluoromethyl pyrazol-1-yl] benzenesulfonamide and Celecoxib intermediate (4- Hydrazinobenzene-1-sulfonamide Hydrochloride)			

		Signature:
		Name: Dr. Untakant Gaugetreo Daugat
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	SEAC Meeting No: 166 Meeting Date: May 27, 2019	

31 Production details	R&D and Pilot for Industrial Chemicals and Intermediates	R & D and Pilot for Industrial Chemicals, Intermediates & Pharmaceuticals
32. Total water requirement	Fresh water (CMD): Not applicable	Fresh water (CMD): 848
32. Total water requirement	Recycled water- Flushing (CMD): Not applicable	Recycled water- Flushing (CMD): Total water recycle- 482
34. Rain water harvesting details	Level of ground water table	Level of ground water table- 1.42 m to 16.32 m bgl (post monsoon)
34. Rain water	Size & no. of RWH tanks and Quantity:	Size & no. of RWH tanks and Quantity: RWH is directly connected to cooling tower basin.
harvesting details 35 Storm water	Size of SWD:	Size of SWD: 600 mm x 1000 mm
drainage 37 Solid waste	Fly ash: 21 kg/A	Fly ash: 21 TPA
management 38 Effluent	Capacity of the ETP: 100 cmd	Capacity of the ETP: Existing ETP- 175 cmd, Proposed ETP- 500 cmd
Characteristics 38 Effluent		
Characteristics 38 Effluent	Amount of treated effluent recycled:	Amount of treated effluent recycled: 482 cmd
Characteristics 39. Hazardous waste	Amount of water send to the CETP: 630 cmd	Amount of water send to the CETP: 148 cmd (as per existing CTO
details	35.3 ETP sludge from Primary treatment & salt generated from spray dryer	35.3 Chemical sludge 35.4 Oil & Grease skimming residue
39. Hazardous waste details	28.2 Spent organic catalyst	29.5 Spent organic catalyst
39. Hazardous waste details	28.1 Distillation Residue	20.3 Distillation Residue
39. Hazardous waste details	28.1 Distillation residue from R & D and pilot plant	29.1 Process waste and residue
39. Hazardous waste details	35.1 Flue Gas cleaning residue (Boiler soot)	Not applicable
39. Hazardous waste details	35.2 Spent in exchange resin	35.2 Other Hz waste (Spent ion exchange resin)
40. Stack emission details	2 & 3. 12 TPH Boiler (Proposed)- As per CPCB norms	2 & 3. 12 TPH Boiler (Proposed)- Common stack ht. 49 m, Stack Dia. 1.2 m
40. Stack emission details	5. 1010 KVA DG set (Proposed)- HSD- 2050 Lit/ Hr	5, 1010 KVA DG set (Existing)- HSD- 0.16 TPD
40. Stack emission details	6. 1250 KVA DG set (Proposed)- HSD- 2500 Lit/ Hr	6. 1250 KVA DG set (Proposed)- HSD- 250 Lit/ Hr, Stack ht. 7.5 m above roof
40. Stack emission details	7. 1250 KVA DG set (Proposed)- HSD- 2500 Lit/ Hr	7. 1250 KVA DG set (Proposed)- HSD- 250 Lit/ Hr, Stack ht. 7.5 m above roof
40. Stack emission details	22. Common Vent Scrubber stack- As per statutory requirement	22. SO2 Scrubbing System- Stack ht. 15 m, Stack Dia, 0.15 m
40. Stack emission details	23. Common Vent Scrubber stack- As per statutory requirement	23. HCl Scrubbing System- Stack ht. 15 m, Stack Dia, 0.1 m
40. Stack emission details	24. Common Vent Scrubber stack- As per statutory requirement	24. Acetic Acid Scrubbing- Stack ht. 12 m, Stack Dia, 0.05 m
40. Stack emission details	25. Common Vent Scrubber stack- As per statutory requirement	25. PCl3 Scrubbing- Stack ht. 12 m, Stack Dia, 0.05 m
40. Stack emission details	26. Common Vent Scrubber stack- As per statutory requirement	26. Acetyl Chloride- Stack ht. 12 m, Stack Dia, 0.05 m
40. Stack emission details	27. Common Vent Scrubber stack- As per statutory requirement	27. HCl Scrubbing System - Stack ht. 15 m, Stack Dia, 0.1 m
40. Stack emission details	28. Common Vent Scrubber stack- As per statutory requirement	28. Reactor Neutralizer, Biocel- Stack ht. 25 m, Stack Dia, 0.2 m
40. Stack emission details	29. Common Vent Scrubber stack- As per statutory requirement	29. Common Vent Scrubber stack - Stack ht. 15 m, Stack Dia, 0.05 m
40. Stack emission details	30. Common Vent Scrubber stack- As per statutory requirement	30. Common Vent Scrubber stack - Stack ht. 15 m, Stack Dia, 0.05 m
41. Details of Fuel	2, HSD- Existing- 4 Lit/ Hr	2. HSD- Existing- 9.79 Kg / Hr
used 41. Details of Fuel	2. HSD- Proposed- 7050 Lit/ Ht	2. HSD- Proposed- 500 Lit/ Ht (at rated capacity)
used 44. Green belt	Total RG area: Green belt area- 25106 sg.m	Total RG area: Green belt area- 24200.02 sq.m
development 51. Details of Pollution	Water pollution- Existing system- ETP, RO, Spray dryer	Water pollution- Proposed system- ETP, RO, MEE
control system 52. Environment Management Plan B. Operation phase	Air Pollution Control (From Utilities, Process, DG set)	Air Pollution Control (From Utilities, Process)-
52. Environment Management Plan B. Operation phase	Water Pollution Control (ETP, RO, Spray Dryer), Capital cost- Rs. 1000 lakhs, O & M cost: Rs. 100 Lakhs per Yr	Water Pollution Control (ETP, RO, MEE), Capital cost- Rs. 1250 lakhs, O & M cost: Rs 400 Lakhs per Yr
52. Environment Management Plan B. Operation phase	Hazardous waste & Solid Waste management, O & M cost: Rs. 2.5 Lakhs per Yr	Hazardous waste & Solid Waste management, O & M cost: Rs. 245 Lakhs per Yr
52. Environment Management Plan B. Operation phase	Green Initiative- Installation & maintenance of Windmill, Capital cost- Rs. 50 lakhs, O & M cost: Rs. 5 Lakhs per Yr	Green Initiative- Solar power installation, Capital cost- Rs. 25 lakhs, O & M cost: Rs. 2.5 Lakhs per Yr
52. Environment Management Plan B. Operation phase	Occupational Health & Safety- Capital cost- Rs. 25 lakhs, O & M cost: Rs. 2.5 Lakhs per Yr	Occupational Health & Safety- Capital cost- Rs. 25 lakhs, O & M cost: Rs. 20 Lakhs per Yr
52. Environment Management Plan B. Operation phase	Social welfare upliftment- ESC Budget- Capital cost- Rs. 25 Lakhs, O & M cost: Rs. 2.5 Lakhs per Yr	Social welfare upliftment- CER Budget- Rs. 70 Lakhs
54. traffic management	54. traffic management	Total parking area: 8839.01 sq.m



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 scrubber to the process vents and maximum stack height of 49 meters to the boiler to control the air pollution.				
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 for 334 KLD of effluent and proposes to discharge 148 KLD to CETP for which PP has permission from the CETP.				
Drainage pattern of the project	PP considered contour levels during design of storm water drains.				
Ground water parameters	As per data submitted by PP ground water parameters are within the prescribed limits.				
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 4800 KVA which will be supplied by MSEDCL. PP proposes DG sets of capacity 500 KVAx1, 1010 KVAx1 and 1250 KVAx2.				
Traffic circulation system and risk assessment	PP proposes internal roads with minimum six meter width and nine meters of turning radius for smooth circulation of traffic.				
Landscape Plan	PP provided 33% green belt within the premises.				
Disaster management system and risk assessment	PP carried out HAZOP and Risk Assessment and submitted DMP.				
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.				
Environmental Management Plan	PP proposes EMP cost of Rs. 1740 Lakhs as capital cost and Rs. 442.5 Lakhs as 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					



PP submitted their application for the grant of TOR under category 5(f)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015 in the 149th meetin gof SEAC-1 held on 06.04.2018 wherein ToR was granted to the PP for the preparation of EIA/EMP reprot.

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

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

PP has obtained earlier EC vide No. SEAC-2010/CR-516/TC-2 dated 06.07.2011; PP to submit certified compliance of the EC from Regional Offcie of MoEF&CC, Nagpur.

PP submitted EIA/EMP reprot for appraisal in the 161st meeting held on 16.02.2019 wherein the proposal was deferred for compliance of following points,

1. PP has obtained certified compliance report from Regional Office of MoEF&CC, Nagpur for their earlier Environment Clearance vide letter dated 29.01.2019, PP to submit copy of reply submitted to the Regional Office of MoEF&CC in repsect of their observations in the reprot.

2. PP to submit revised layout plan showing area statement , green belt area leaving set back from the buildings. PP to submit list of trees exists on site and propsoed to be planted.

3. PP to provide cul-de-sac at the dead ends of the roads for easy movement of vehicles.

4. PP to carry out life cycle analysis of all the products and submit reprot along with suggestions and propsoed mitigation mesaures to reduce the impact identified in the study.

5. PP to submit revised Form-II.

6. PP to prepare and submit CER plan in consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.2018.

Now PP submitted the compliance of above points.

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 undertake development of green belt in the coming monsoon season and ensure provision of drip irrigation so as to achieve maximum survival of the saplings.

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

3) 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

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

aggroanges Signature: Name: Dr. Umakant Gangetreo Dangat SEAC Meeting No: 166 Meeting Date: May 27, Abhay Pimparkar (Secretary **Page 55** Dr. Umakant Dangat SEAC-I) 2019 of 190 (Chairman SEAC-I)

166th Meeting of State Level Expert Appraisal Committee (SEAC-1) (Day - 1) SEAC Meeting number: 166 Meeting Date May 27, 2019

Subject: Environment Clearance for Environmental Clearance for proposed expansion project of M/s Indo Amines ltd for production capacity enhancement

production capacity cimanocinions					
Is a Violation Case: No					
1.Name of Project	M/s Indo Amines Ltd.				
2.Type of institution	Private				
3.Name of Project Proponent	Mr. Changdev Laxman Kadam				
4.Name of Consultant	Sadekar Enviro Engineers Pvt Limited				
5.Type of project	Expansion, Schedule 5 (f), Category - B1 under EIA Notification 2006.				
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project.				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Existing project started in 2003 before EIA notification 2006				
8.Location of the project	Plot No - E-6, MIDC Mahad, Dist-Raigad, Maharashtra. 402302				
9.Taluka	Mahad				
10.Village	Birwadi				
Correspondence Name:	Mr.Changdev Laxman Kadam				
Room Number:	MIDC Plot No-W-44				
Floor:					
Building Name:	Indo Amines ltd.				
Road/Street Name:	MIDC Manpada Road				
Locality:	MIDC Dombivali Phase -II				
City:	Dombivali(E)				
11.Whether in Corporation / Municipal / other area	MIDC-Dombivali(E).				
	NA				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: NA				
	Approved Built-up Area: 863.11				
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.)	3000 SQ MET				
16.Deductions	NA				
17.Net Plot area	NA				
	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.):				
10 (b) America D. 11	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: 01-01-1900				
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	12500000				
22 Num	har of huildings & its configuration				

22.Number of buildings & its configuration



Serial number	Buildin	ng Name & num	ber	Numl	er of floors	Height of the building (Mtrs)		
1	1	Not applicable		Not	applicable	Not applicable		
23.Numbe tenants an		NA						
24.Numbe expected r users		NA						
25.Tenant per hectar		NA						
26.Height building(s								
station to	the road learest fire	meters wide.						
28.Turning for easy ac fire tender movement around the excluding for the pla	ccess of f from all building the width	Turning radius of 9 meters is provided within the plot premises.						
29.Existing		Manufacturing plant , associated utilities, raw material storage area and admin building are present on project plot.						
30.Details demolitior disposal (I applicable	n with If	Minor Demolitic	on will be	carried out.				
			31.P	roductio	on Details			
Serial Number	Рг	roduct	Existi	ng (MT/M)	Proposed (MT/M)	Total (MT/M)		
1	Isosorbide	-5-Mononitrate		2.0	3.0	5.0		
2	Atenolo	l IP/BP/USP	5	5.0	15.0	20.0		
3		n Potassium BP/USP		0	5.0	5.0		
4		le (Frusemide) BP/USP		0	5.0	5.0		
5	Para Hydroxy Phenyl Acetamide (PHPA)			0	30.0	30.0		
6	Bezafibra	ite IP/BP/USP		0	10.0	10.0		
7	N-(4-Chlorok	enzoyl)Tyramine				10.0		
8	Ethyl Olea	ate IP/BP/USP		0	20.0	20.0		
9	Strong Cetrimide Solution IP/BP			0	100.0	100.0		
10	Trimethy	P/BP/USP / Cetyl /l ammonium romide		0	50.0	50.0		
11		xy Phenyl Acetic l(PMPA)		0	10.0	10.0		

32.Total Water Requirement

258.0

265.0

approtoness			Signature:
	SEAC Meeting No: 166 Meeting Date: May 27,		Dr. Umakant Dangat
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7.0

Total

12

	Source of wa	ater	NA								
	Fresh water	(CMD):	NA								
	Recycled wa Flushing (Cl		NA								
	Recycled wa Gardening (NA								
	Swimming p make up (Cu		NA								
Dry season:	Total Water Requiremen :		NA								
	Fire fighting Undergroun tank(CMD):		NA				.0				
	Fire fighting Overhead wa tank(CMD):		NA			5	0				
	Excess treat	ed water	NA								
	Source of wa	ater	NA								
	Fresh water	(CMD):	NA								
	Recycled wa Flushing (Cl		NA								
	Recycled wa Gardening (NA	NA							
	Swimming p make up (Cu		NA								
Wet season:	Total Water Requiremen :		NA								
	Fire fighting Undergroun tank(CMD):		NA								
	Fire fighting Overhead wa tank(CMD):		NA								
	Excess treat	ed water	NA								
Details of Swimming pool (If any)	NA										
	33	B.Detail	s of Tota	l water co	onsume	d					
Particula rs Cons	sumption (CM	1D)]	Loss (CMD)		Ef	fluent (CMD))			
Water Require ment Existing	Proposed	Total	Existing	Existing Proposed Total			Proposed	Total			
Domestic 2.0	0.250	2.250	0.2	0.025	0.225	1.0	0.750	1.750			
Industrial Process 8.0	6.900	14.900	0 0 0 8.0 0.630 8				8.630				
Cooling tower & 2.0 thermopa ck	41.580	43.580	1.4 26.940 28.340 0 4.440				4.440				
Gardening 5.0	0	5.000	5.0	0	5.000	0	0	0			

agger or the ser		Signature:
Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 166 Meeting Date: May 27, 2019	 Dr. Umakant Dangat (Chairman SEAC-I)

Fresh											
water requireme nt	17.0	48.730	65.730	6.60	26.965	33.656	9.0	5.820	14.800		
Level of the Ground water table:			20 m approx. below ground level								
		Size and no tank(s) and Quantity:	of RWH		in water collec of capacity 15		oof top will h	be connected t	o the		
		Location of tank(s):	the RWH	Next to GRI	EEN BELT						
34.Rain W		Quantity of pits:	recharge	NA				0			
Harvesting (RWH)	J	Size of rech :	arge pits	NA				6			
		Budgetary a (Capital cos		250000							
		Budgetary a (O & M cost		10000			S'				
		Details of U if any :	GT tanks		GT Tanks if an ighting tank of e provided.						
Natural water drainage pattern:					r drains of ade ndaries of the		acity will be	provided alon	g the east		
35.Storm v drainage	water	Quantity of water:	storm	1.863 m3/hr.							
		Size of SWD	•	NA							
		Sewage gen in KLD:	eration	1.750 M3							
		STP technol	ogy:	Sewage waste water will be treated in the aeration tank of the effluent treatment plant.							
Sewage a	nd	Capacity of (CMD):	STP	NA							
Waste wa	iter	Location & a the STP:	area of	NA							
		Budgetary a (Capital cos		NA							
	54	Budgetary a (O & M cost		NA							
		3	6.Soli	d waste	e Manag	emen	t				
Waste gener	ration in	Waste gene	ration:	Little waste	like debris.						
the Pre Cons and Constru phase:	struction	Disposal of construction debris:		Land Filling	J.						
		Dry waste:		Packing boa	ards = 30 Kg/N	M					
		Wet waste:		NA							
Waste gen in the oper		Hazardous v	waste:	Residue $=1$	= 1170 Kg/M 4953 Kg/M Di 50 nos/M Spen	scarded co	ntainers bar				
Phase:	auon	Biomedical applicable):		NA							
		STP Sludge sludge):	(Dry	NA							
		Others if an	y:	NA							

		Dry waste	:	Will be sold	l to approved	l vendo	or			
		Wet waste		NA						
Mode of 1	Disposal	Hazardous	s waste:		ardous wast CHWTSDF,			within the co	ompany premises will be	
Mode of Disposal of waste: Biomedica applicable				NA						
		STP Sludg sludge):	e (Dry	NA						
		Others if a	nny:	NA						
		Location(s	s):		Hazardous W in the proje				sq. m. will be provided	
Area requirem	ent:	Area for th of waste & material:			Hazardous W in the proje				sq. m. will be provided	
		Area for m	nachinery:	NA						
Budgetary		Capital co	st:	NA						
(Capital co O&M cost)		O & M cos	it:	NA						
		1	37.Ef	fluent C	harecter	estic	s			
Serial Number	Paran	neters	Unit		Effluent terestics			Effluent erestics	Effluent discharge standards (MPCB)	
1	p]	H-	-	6.0	-8.5		7.	.8	5.5-9.0	
2	TI	DS	mg/l	23	2300		10	50	2100	
3	BC	DD	mg/l	1200		60		0	100	
4		DD	mg/l	4400		200		00	250	
5		& G	mg/l	10-20 5 10					10	
Amount of e (CMD):	effluent gene	eration	14.820		¥					
Capacity of			20 CMD	MD						
Amount of t recycled :	reated efflue	ent	Effluent aft	after treatment in ETP will be further sent to CETP.						
Amount of v	vater send to	o the CETP:	14.820 CM							
Membershi	p of CETP (if	f require):	1 5	having men	-			,	•	
Note on ET	P technology	to be used	capacity 20 waste wate	CMD comp	rising of Prin jected to aer	nary, S ation t	econd ank (S	ary & tertia: econdary tr	be treated in the ETP of ry treatment . Domestic eatment) of ETP. The	
Disposal of	the ETP sluc	lge		will be disp						
	CY		0	zardous						
Serial Number	Descr	iption	Cat	UOM	Existing	Prop	osed	Total	Method of Disposal	
1	ETP S	Sludge	34.2	Kg/M	10	11	60	1170	CHWTSDF	
2	Spent	Carbon	28.3	Kg/M	240	92	40	9480	CHWTSDF	
3	Distillatio	n Residue	20.3	Kg/M	1540	134	13	14953	CHWTSDF	
4	barrels/lin	containers ers/ plastic PPE etc	33.1	Nos/M			0	50	CHWTSDF	
5	Spent	solvent	28.6	Kg/M	0	17	65	1765	SALE TO MPCB AUTHORIZED PARTIES.	
act	ortherest								sture:	

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			39.S	tacks em	issio	n D	etails					
Serial Number	Section	& units		sed with antity	Stac	s No.	Height from ground level (m)	Inte diam (n	eter	Temp. of Exhaust Gases		
1		our steam iler	LDO 0.6	600 Kl/day	1		16	25	60	90		
2		al Thermic Boiler	LDO 0.6	600 Kl/day	r 2	2	16	30	00	110		
3		A Diesel erator		eed Diesel l/Hr	r.	}	4	10	00	110		
4		our steam iler	LDO 1.6	D 1.600 Kl/day			Will be connected to existing 30 met height d to existing ht 30 met	25	50	90		
5		al Thermic l boil	LDO 1.	00 Kl/day			Will be connected to existing ht 30 met	30	0	110		
6		A Diesel erator		ed Diesel 60 /Hr		C	Will be connected to existing of 4 mets	10	0	110		
			40.De	etails of F	ruel	to b	e used					
Serial Number	Тур	e of Fuel		Existing			Proposed			Total		
1	Fu	rnace oil		1.2 T/D	1.2 T/D 2.6T/D			3.8T/D				
2	High	speed diesel		30lit/hr 60lit/hr 90lit/hr					90lit/hr			
41.Source of				Furnace Oil : Local Supplier High speed diesel: Local HP vendor								
42.Mode of	Transportat	ion of fuel to	site By R	load								
		T + 1 D C		400 50								
		Total RG a		430.73 sq. 1	m.							
		No of trees	s to be cut	NA								
		Number of be planted		200	200							
43.Green Belt Development List of proponative trees			Schleichera paniculata, Holopteleai suberosa, A	ia fistula, Bombax ceiba, Asltoniashcolaris, Macaranga peltata, eicheraoleosa, Microcospaniculata, Terminalia elliptica, Terminalia culata, Terminalia bellirica, Cordia dichotoma, Helicteresisora, pteleaintegrifolia, Butea monosperma, Oroxylumindicum, Erythrina rosa, Azadirachtaindica, Tremaorientalis, Pongamiapinnata, amarckiacadamba, Pterospermumacerifolium, Dalbergia sissoo, remiapinnata				lia elliptica, Terminalia na, Helicteresisora, cylumindicum, Erythrina ongamiapinnata,				
		or 1 of :	2 years after grant of environmental clearance									
	44.Nu	mber and	l list of	trees spe	cies	to b	e plante	d in t	the g	ground		
Serial Number	Name of	f the plant	Com	non Name	Name of the plant Common Name Quantity							

agger of the st			Signature: Name: Dr. Umakant Gaupetreo Dangat
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1	Cassia fistula	Bahava	04	Native tree of forest tracts of Sahyadri ranges having flowers attracting bees and butterflies
2	Bombax ceiba	Sawar	12	A native deciduous tree with fragrant flowers attracting large number of birds & insects
3	Asltoniashcolaris	Saptaparni	08	A native evergreen tree with fragrant flowers & leaves having comparatively higher dust settling index
4	Macaranga peltata	Chandwar	04	A native tree found in abundance across the plains of Sahyadri ranges
5	Schleicheraoleosa	Kusum	16	A native deciduous trees of forest tracts of Sahyadri ranges
6	Microcospaniculata	Shirali	04	A native evergreen medium sized tree of forest tracts of Sahyadri ranges
7	Terminalia elliptica	Ain	12	A native evergreen tree of forest tracts of Sahyadri ranges
8	Terminalia paniculata	Kindal	04	A native deciduous tree of forest tracts of Sahyadri ranges
9	Terminalia bellirica	Baheda	08	A native deciduous tree of forest tracts of Sahyadri ranges
10	Cordia dichotoma	Shelu	20	A native deciduous tree of forest tracts of Sahyadri ranges attracting large number of insects
11	Helicteresisora	Murudsheng	08	A native deciduous medium sized tree of forest tracts of Sahyadri ranges visited by large number of birds
12	Holopteleaintegrifolia	Ainsadada	12	A native deciduous tree of forest tracts of Sahyadri ranges
13	Butea monosperma	Palash	04	A native brilliantly flowering tree abundant the Palghar District visited by large number of bird
14	Oroxylumindicum	Tetu	08	A native ornamental tree
15	Erythrina suberosa	Pangara	12	A native deciduous medium sized tree of forest tracts of Sahyadri ranges visited by large number of birds
16	Azadirachtaindica	Kadulimb	20	A native evergreen tree capable of surviving in comparatively polluted environs
17	Dalbergia sissoo	Shisham	08	A native evergreen tree attracting large number of insects
18	Tremaorientalis	Ghol	04	A native deciduous medium sized tree with hairy leaves having comparatively higher dust settling index
19	Pongamiapinnata	Karanj	08	A native deciduous tree well suited to intense heat and sunlight and drought tolerant.
20	Neolamarckiacadamba	Kadamba	08	A native evergreen tree with tremendous blooms attracting large number of insects

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21			Karı	nikar		16	A native evergreen tree with large & hairy leaves having comparatively high dust settling index generally used for ornamental plantation			
	45.Total quantity of plants on ground									
	46.Number and list of shrubs and bushes species to be planted in the podium RG:									
Serial Number		Name		C/C Distan	ce		Area m2			
1	l NA NA NA									
	47.Energy									
		Source of power supply :	r l	Maharashtra	State Elec	tricity Distril	oution Company Limited (MSEDCL)			
During Construction Phase: (Demand Load)				NA			20			
		DG set as Power back-up during construction ph	1	NA						
Power During Operation phase (Connected load):				445 KW						
_	ement:	During Operation phase (Demand load):		145 KW	~					
		Transformer:	5	500 KVA						
		DG set as Power back-up during operation phase	1	1 x 250 KVA 1 x 500 KVA						
		Fuel used:	Η	High Speed Diesel						
		Details of high tension line pas through the plo any:		Not Applicab	le					
		48.Energy	savin	g by non	-conver	ntional m	ethod:			
8 nos of Sol	lar street lig	hts will be installe	d within	the plot prei	mises.					
		49.De	etail c	alculatio	ons & %	of saving	J:			
Serial Number	E	nergy Conservat	ion Mea	isures			Saving %			
1	<u>C</u>	NA					NA			
		50.Det	ails o	f pollutio	on conti	rol Syste	ms			
Source	Ex	isting pollution (control	system		Proj	posed to be installed			
Air Air Air Air Air Air Air Air Air Air				n height for 4 lac mon stack of 4 et			isting and proposed. Common stack ht will be attached to both Hot oil and 10 lac Common stack of 4 met			
Water.		0 CMD capacity co econdary and Terti				.820 CMD. T	20 CMD capacity will take a load of The ETP will comprise of Primary, ry and Tertiary Treatment.			

ager of the state			Signature: Name: Dr. Umakant Gaugerrao Dangai
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Noise	equipments is being done provided on the periphery of the plant premises.													
Solid hazardous wasteThe hazardous waste is stored in a seperate demarcated area, the recyclables are sent to authorized vendors and the rest are sent to CHWTSDF for disposalSeparate HW Storage area of 3.0 sq met w provided								met will be						
Budgetary (Capital		Capital cost: NA												
O&M		0 & M o	cost:		NA									
51.Environmental Management plan Budgetary Allocation														
		ĉ	a) Co	onstruc	tion pha	ase (w	itł	n Brea	ak	-up):				
Serial Number	Attri	butes		Paran	neter			Total C	Cos	t per an	num	(Rs. In La	cs)	
1	N	A		N	A		_		_	N	A			
			b) (Operati	ion Phas	e (wit	h	Break	∢- u	ıp):				
Serial Number	Comp	onent		Descri	iption	Capita		cost Rs. acs	. In	Ope		onal and M t (Rs. in L	laintenance acs/yr)	
1	А	Air existing con of boiler			ation of nmon stack & thermo m height.	-	100	0000				50000		
2	Wa				tional and enance	0				300000				
3	No	Noise Detacou acou and shoce		Develop acoustic e and insta shock abs vibration a pa	nclosures llation of corbers & absorbing	0				25000				
4	Occupatio	nal Healt	h P	urchase of health ch	f PPE's and leck ups		50	000				50000	50000	
5	Gree	n Belt			nent and		900000					300000		
6	Solid	Waste	,	Purchase waste stor conta	age bags,		20	0000		100000				
7	Rain water	harvestir	ng	Provision system al above g collection 10C	ong with ground n tank of		25	0000			10000			
51.S	torage	of ch	nem	nicals	(inflan substa			explo	DS	ive/h	aza	ardous	s/toxic	
Des	cription	Sta	atus	Loc	Storage Capacit in MT	e y	Maximu Quantit of Storage at any point o time in MT	ty e 7 of	Consum n / Mont MT		Source of Supply	Means of transportatio n		
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Acetic acid	Liquid	Enclosed Shed	200 Kg Drum	0.4	0.49	Local	By Road
Acetic anhydride	Liquid	Enclosed Shed	200 Kg Drum	1.0	4.75	Local	By Road
Activated carbon	Solid	Enclosed Shed	20 Kg Bags	0.08	5.702	Local	By Road
Acetone	Liquid	Enclosed Shed	ST	15	16.66	Local	By Road
Ammonia	Gas	Enclosed Shed	Cylinder	1.8	17.1242	Local	By Road
Boric acid	Solid	Enclosed Shed	Bags	0.02	0.027	Local	By Road
BCFI	Solid	Enclosed Shed	50 Kg Bags	0.5	2.285	Local	By Road
Cyclohexane	Liquid	Enclosed Shed	200 Kg Drums	0.2	0.73	Local	By Road
Chlorosulfonic acid	Liquid	Enclosed Shed	500 Kg IBC	1	2.3	Local	By Road
Cyclopropyl amine	Liquid	Enclosed Shed	160 Kg Drums	0.32	0.84	Local	By Road
4-Chlorobenzoic acid	Solid	Enclosed Shed	100 kg Bags	0.6	6.3	Local	By Road
Furfuryl Amine	Liquid	Enclosed Shed	160 Kg Drums	0.48	1.625	Local	By Road
Hyflow	Solid	Enclosed Shed	22 Kg Bags	0.154	1.522	Local	By Road
Hydrose	Solid	Enclosed Shed	50 Kg Drum	0.15	0.42	Local	By Road
Hydrochloric acid	Liquid	Enclosed Shed	ST	25	9.62	Local	By Road
Hydrogen bromide	Liquid	Enclosed Shed	250 Kg Drums	1.25	5.657	Local	By Road
Hydrogen	Gas	Enclosed Shed	Cylinders	25 Nos	0.023	Local	By Road
IPA	Liquid	Enclosed Shed	ST	25	183.18	Local	By Road
Isosorbide	Solid	Enclosed Shed	500 kg Bags	1.5	6.45	Local	By Road
Tetradecyl dimethyl amine	Liquid	Enclosed Shed	160 Kg Drums	5	64.68	Local	By Road
Methyl benzyl amine	Liquid	Enclosed Shed	160 Kg Drums	3	28.46	Local	By Road
MDC	Liquid	Enclosed Shed	160 Kg Drums	3	28.43	Local	By Road
Toluene	Liquid	Enclosed Shed	ST	20	92.28	Local	By Road
RNC	Solid	Enclosed Shed	Drums	0.06	0.083	Local	By Road
Potassium hydroxide	Solid	Enclosed Shed	50 Kg Bags	0.2	0.645	Local	By Road
РНАР	Solid	Enclosed Shed	50 Kg Bags	2	44.46	Local	By Road
Pure N-(4-Chlorobenzoyl)- Tyramine	Solid	Enclosed Shed	100 Kg Bags	0.8	8.069	Local	By Road
OTBB	Solid	Enclosed Shed	50 Kg Bags	0.5	3.33	Local	By Road
Sulphuric acid	Liquid	Enclosed Shed	300 Kg Drums	0.9	0.96	Local	By Road
Soda ash	Solid	Enclosed Shed	60 Kg Bags	0.3	1.3	Local	By Road
Sodium hydroxide	Solid	Enclosed Shed	50 Kg Bags	1.5	3.62	Local	By Road
Sodium acetate	Solid	Enclosed Shed	50 Kg Bags	0.1	0.43	Local	By Road
Methyl-2-bromo-2-methyl propanoate	Liquid	Enclosed Shed	200 Kg Drum	0.5	5.29	Local	By Road



Para hydroxy phenyl acetamide	Solid	Enclo	sed Shed	50 Kg Bags	1.2	11.34	Local	By Road
MIPA (mono isopropyl amin	ne) Liquid	Enclo	sed Shed	ST	10	62.21	Local	By Road
Methanol	Liquid	Enclo	sed Shed	ST	25	56.7	Local	By Road
Methyl bromide	Liquid Enclos		sed Shed	Cylinder 600 Kg	1.8	14.11	Local	By Road
MIBK	Liquid Enclose		sed Shed	200 Kg Drums	2.4	25	Local	By Road
Sodium azide	Solid	Enclo	sed Shed	50kg Bags	0.01	0.76	Local	By Road
2,4-dichlorobenzoic acid	Solid	Enclo	sed Shed	50kg Bags	0.37	3.76	Local	By Road
Sulfur	Solid	Enclo	sed Shed	50kg Bags	1.5	14.55	Local	By Road
TEA.HCl	Solid	Enclo	sed Shed	100kg Bags	0.5	1.61	Local	By Road
Tyramine	Solid	Enclo	sed Shed	Drums 50 Kg	1	5.52	Local	By Road
Oleic acid	Liquid	Enclo	sed Shed	Drums 50 kg	4	24	Local	By Road
O-Xylene	Liquid	Enclo	sed Shed	160 Kg Drums	0.48	2.47	Local	By Road
4-MAP	Solid	Solid Enclos		20 Kg Bags	3	13.287	Local	By Road
		52.A	ny Othe	er Inform	ation			
No Information Available	e							
		53.	Traffic	Managen	nent			
	Nos. of the ju to the main r design of confluence: Number and	road &	NA	0				
	basement: Number and	area of	NA					
	podia:							
	Total Parking	g area:	34.16 sq.	m.				
	Area per car:		NA					
	Area per car:		NA					
Parking details:	Number of 2- Wheelers as approved by competent authority:		NA					
S	Number of 4- Wheelers as approved by competent authority:		NA					
	Public Trans	port:	NA					
	Width of all l roads (m):	_	6.0					
	CRZ/ RRZ cle obtain, if any		NA					



	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries						
	Category as per schedule of EIA B1 Notification sheet B1						
	Court cases pending if any	NA					
	Other Relevant Informations	NA					
	Have you previously submitted Application online on MOEF Website.	No		68			
	Date of online submission	-	(
SEAC	DISCUSSION	ON ENVIRONME	ENTAL	ASPECTS			
Environmental Impacts of the project	Not Applicable		5				
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	ntion of the projec	t by SI	EAC			
	DE	CISION OF SEAC					
Abhay Pimparkar (Secre SEAC-I)	etary SEAC Meeting 1	No: 166 Meeting Date: May 27, 2019	Page 67 of 190	Signature: Name: Dr. Umakant Gangeteo Dangat Dr. Umakant Dangat (Chairman SEAC-I)			

PP requested to postpone the proposal.

Hence, deferred.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

Stincher Manager



166th Meeting of State Level Expert Appraisal Committee (SEAC-1) (Day - 1) SEAC Meeting number: 166 **Meeting Date** May 27, 2019

Subject: Environment Clearance for Environment Clearance for Common Bio-Medical Waste Treatment, Storage and Disposal Facility (CBWMTSDF)

Disposal Facility (CDWM15DF)								
Is a Violation Case: No								
1.Name of Project	Integrated Common Bio-Medical Waste Treatment, Storage and Disposal Facility (CBWMTSDF) for PCMC and adjoining area							
2.Type of institution	Private							
3.Name of Project Proponent	Pimpri Chinchwad Municipal Corporation (PCMC) (Owner) Passco Environmental Solutions Pvt. Ltd (Operator)							
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd., Mumbai							
5.Type of project	Common Bio-Medical Waste Treatment, Storage and Disposal Facility (CBWMTSDF)							
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	New project							
8.Location of the project	Gut no 458/ 460/ 461							
9.Taluka	Haveli							
10.Village	Moshi							
Correspondence Name:	Sanjay Kulkarni, Pimpri Chinchwad Municipal Corporation (PCMC) (Owner) & Pradeep Mulay, Passco Environmental Solutions Pvt. Ltd. (Operator)							
Room Number:	-							
Floor:								
Building Name:	Pimpri chinchwad Municipal Corporation							
Road/Street Name:	Mumbai Pune highway							
Locality:	Pimpri							
City:	Pune							
11.Whether in Corporation / Municipal / other area	Pimpri Chinchwad Muncipal Corporation							
	Lease deed executed on 15.06.2012 between PCMC (Leaser) and PESPL (Lessee)							
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)	No work has started at site							
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	CIN- U 33129 PN 2005 PTC 020340							
15.Total Plot Area (sq. m.)	4000 sq.m							
16.Deductions	NA							
17.Net Plot area	4000 sq.m							
	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.): 1767.25							
10 (b) Approved Duilt up area as a sec	Approved FSI area (sq. m.):							
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.):							
	Date of Approval: 15-05-2019							
19.Total ground coverage (m2)	1042							
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	23							
21.Estimated cost of the project	105900000							

all and and and		Signature: Name: Dr. Umakan Gangerso Dangat
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	2	2.Num	ber of k	ouildin	gs & its conf	iguration	
Serial number	Buildin	ıg Name & ı	number	Nu	mber of floors	Height of the building (Mtrs)	
1		1			G+1	10.89	
23.Number of tenants and shops Not a commercial project							
24.Numbe expected r users		Approx. 33	employees				
25.Tenant per hectar		Not a reside	ential project	;			
26.Height building(s)						.0.	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)							
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation						the facility; two gates will be	
29.Existing structure (None			S		
30.Details demolition disposal (I applicable	with f	No demoliti	on is envisag	ied			
			31.P	roduct	tion Details		
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)	
1	Waste for i	ncineration	N	A	420	420	
2 Waste for autoclaving NA 154 154							
		3	2.Tota	l Wate	r Requireme	nt	
	S						

agenorations of		Signature: Name: Dr. Umakan Gangetrao Dangat
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		Source of wa	ter	PCMC							
		Fresh water	(CMD):	111							
		Recycled wat Flushing (CM		0							
	Recycled water - Gardening (CMD):		2								
		Swimming po make up (Cu		NA							
Dry season	:	Total Water Requirement :	(CMD)	149							
		Fire fighting Underground tank(CMD):		50				8			
		Fire fighting Overhead wa tank(CMD):		NA				0			
		Excess treate	ed water		vater will be dis If and gardenir		as entire wat	er will be used	in the		
		Source of wa	ter	PCMC							
		Fresh water		111			9				
Recycled water - Flushing (CMD):			0								
		Recycled wat Gardening (C	0								
		Swimming po make up (Cu	NA								
Wet seasor	1:	Total Water Requirement :	(CMD)	146							
		Fire fighting Underground tank(CMD):		50	50						
		Fire fighting Overhead wa tank(CMD):		NA							
		Excess treate	ed water	No excess w Project itsel	vater will be dis f	scharged	as entire wat	er will be used	in		
Details of 9 pool (If any		NA									
	~V	33.	Detail	s of Tota	l water co	nsume	d				
Particula rs	Cons	umption (CM	D)	I	Loss (CMD)		Eff	fluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	0	2	2	0	0.2	0.2	0	1.8	1.8		
Industrial Process	0	144	144	0	108.2	108.2	0	36	36		
Gardening	0	3	3	0	3	3	0	0	0		
	-										

age of the set		Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	 Dr. Umakant Dangat
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	14.65
	Size and no of RWH tank(s) and Quantity:	Please refer proposed layout
	Location of the RWH tank(s):	within plot
	Quantity of recharge pits:	2
	Size of recharge pits :	2 X 2 m
	Budgetary allocation (Capital cost) :	Rs. 1.5 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 5000
	Details of UGT tanks if any :	12
35.Storm water drainage	Natural water drainage pattern:	Towards Indrayani river on the north east
	Quantity of storm water:	23.87 cum/ day
	Size of SWD:	450 mm x 750 mm
Sewage and Waste water	Sewage generation in KLD:	1.8
	STP technology:	Sewage will be treated in package type STP
	Capacity of STP (CMD):	2
	Location & area of the STP:	within site
	Budgetary allocation (Capital cost):	Rs. 5 Lakhs
	Budgetary allocation (O & M cost):	Rs. 25000
36.Solid waste Management		
Waste generation in	Waste generation:	From foundation excavation
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Soil from foundation excavation will be used for backfilling and site grading. No offsite disposal of construction debris is envisaged.
Waste generation in the operation Phase:	Dry waste:	8.25 kg/ day
	Wet waste:	none
	Hazardous waste:	Incineration ash- 42 TPM and ETP sludge- 5 TPM
	Biomedical waste (If applicable):	77 TPM
	STP Sludge (Dry sludge):	1.05 m3/month
	Others if any:	NA


		Dry waste:	:	PCMC's mu	inicipal wast	e skip				
		Wet waste	•	NA	-	-				
		Hazardous	s waste:	Storage and	d disposal to	CHWTSDF s	site, Ranjang	aon		
Mode of a of waste:	-	Biomedica applicable	l waste (If):				WTSDF site, Ranjangaon hemical disinfection, incineration ash and c - respective disposal sinks tegral of the CBMWSTDF. tegral of the CBMWSTDF. tegral of the CBMWSTDF hence separate an arrived at. tegral of the CBMWSTDF hence separate an arrived at. tegral of the CBMWSTDF hence separate an arrived at. tegral of the CBMWSTDF hence separate an arrived at. tegral of the CBMWSTDF hence separate an arrived at. tegral of the CBMWSTDF hence separate an arrived at. tegral of the CBMWSTDF hence separate an arrived at. tegral of the CBMWSTDF hence separate an arrived at. tegral of the CBMWSTDF hence separate an arrived at. tegral of the CBMWSTDF hence separate an arrived at. tegral of the CBMWSTDF hence separate an arrived at. tegral of the CBMWSTDF hence separate and tegral of the CBMWSTDF hence separate at the tegral of the CBMWSTDF hence separate at the tegral of the CBMWSTDF hence separate at the tegral of th			
		STP Sludg sludge):	e (Dry	will be used	l as manure					
		Others if a	iny:	NA						
		Location(s	5):	Within the	shed					
Area requirem	ent:	Area for th of waste & material:		Waste stora	age area is a	n integral of	the CBMWS	TDF.		
		Area for m	achinery:	Waste stora	age area is a	n integral of	the CBMWS	TDF.		
Budgetary (Capital co		Capital co	st:					TDF hence separate		
O&M cost)		O & M cos	t:					TDF hence separate		
		-	37.Ef	fluent C	harecter	estics				
Serial Number	Paran	neters								
1	р	Н	-	- ~8-10 6.			-9.0	5.5-9.0		
2	BC	DD	mg/l	~30		< 30		< 30 10		100
3	CC	DD	mg/l	~350				250		
4		SS	mg/l		500			100		
5		& G	mg/l	~	15	<	10	10		
Amount of e (CMD):	effluent gene	eration	36							
Capacity of	the ETP:		40							
Amount of t recycled :	created efflue	ent	36							
	water send to		0							
Membershi	p of CETP (if	f require):	NA							
Note on ET	P technology	7 to be used	Screen > S Sludge filte	Seal pit > Reactor cum settling tank (alum dosed and stirred here) > tering bags						
Disposal of	the ETP sluc	lge	ETP sludge	ndge will be sent to CHWTSDF, Ranjangaon.						
			38.Ha	zardous	Waste D	etails				
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	ETP S	Sludge	35.3	TPM	0	5	5	and Disposal to		
2	Incinera	ition Ash	37.2	TPM	0	42	42	and Disposal to		
			39.St	acks em	ission D	etails				
Fuel Lead with from Tem										

a geo massi			Signature:	
			Name: Dr. Umakant Gangetreo Dangat	l
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1	Incin	erator		HS	SD	2		30	0.3	5	65-70 deg. C		
			40	.De	tails of F	uel 1	to be	e used					
Serial Number	Туј	pe of Fuel			Existing			Proposed			Total		
1		HSD			0			3600 Lit/day			3600 Lit/day		
41.Source of	of Fuel		1	Local	fuel retailer	/ kerbs	side fu	el pump					
42.Mode of	Transportat	tion of fuel to	site f	fuel v	ehicle will b	e used	for tr	ansporting it	to the	site			
		1											
		Total RG a	rea :		1442 sq.m								
		No of trees	s to be	cut	0					aller canopy trees and shrubs Anthocephallus cadamba,			
43.Gree	n Belt	Number of be planted		to	approx. 145	i large	trees	and other sr	naller c				
Develop		List of prop native tree			Azadiracta	indica,	Barri	ngtonia acut	angula,	Baul	hinia purpurea, Cassia		
		Timeline for completion plantation	ı of					within 12 m depending o		ths from beginning of nonsoon			
	44.Nu	mber and	l list	of t	rees spe	cies	to b	e plante	d in t	he g	ground		
Serial Number	Name of	the plant	Cor	mmo	n Name		Qua	ntity	Cha	Characteristics & ecological importance			
1	Aegle n	narmelos		Beal	Tree		4	2		Tree			
2	Alstonia	scholaris		Sat	win		8	}	with g plant	reyis t, bar	h rough bark. Medicinal k is used in traditional		
3		ephallus amba	Ć	Kad	amb		Ę	5	withou pla	ller canopy trees and shrubs nthocephallus cadamba, ngula, Bauhinia purpurea, Cassia n saman, Delonix regia nths from beginning of monsoon in the ground Characteristics & ecological importance Tree "An elegant tall evergreen tree vith greyish rough bark. Medicin plant, bark is used in traditional medicine to treat dysentery and			
4	Azadirad	cta indica		Ne	em		8	3	that ca rare	an rea ely to icide,	ach a height of 15-20 m, 35-40 m. Used as an to manufacture variety		
5		ngtonia nngula	Sa	mudr	ra phool		2	2	roug Medic	th fiss inal p	sured dark grey bark. Dant has long been used ne, timber and as a fish		
6	Bauhinia	purpurea	Bu	utterf	ly Tree		6	5	up to foot	o 20 f crow for c	feet tall and have a 25 m. Native tree A good		



	isting of hard reddish ring up to 40 feet tall. se- The sweet blackish seedpod is used as a ild laxative."					
8 Dalbergia sissoo Sheesham 4 native to Ind It can grow to m in heig diameter	o large deciduous tree, lia, with a light crown. up to a maximum of 25 ght and 2 to 3 m in r. One of the most ıltivated timber tree. "					
9 Delonix regia Gulmohar 3 tall, but its e umbrella-like	en tree about 30-40 ft elegant wide-spreading e canopy can be wider ght. Ornamental tree"					
10Enterolobium samanRain Treesymmetric reaches a h	opied tree with a large cal crown. It usually neight of 25 m (82 ft) ter of 40 m. Medicinal Plant"					
45.Total quantity of plants on ground						
46.Number and list of shrubs and bushes species to be planted in t	he podium RG:					
Serial Number Name C/C Distance Area	m2					
1Gardenia jasminoides0.3 m1 t o	2					
2 Nyctanthes arbotristis 1.0 m 2 to	3					
3 Lagerstroemia speciosa 2.0 m 6 to	2.0 m 6 to 8					
47.Energy						
Source of power supply : MSEDCL						
During Construction Phase: (Demand Load)15 kVA						
DG set as Power back-up during construction phaseNo						
Power During Operation phase (Connected load): 300 kVA						
requirement: During Operation phase (Demand load): 250 kVA						
Transformer: 100 kVA						
DG set as Power back-up during operation phase: 2 DG set of 100 kVA						
Fuel used: HSD						
Details of high tension line passing through the plot if any:None						
48.Energy saving by non-conventional method:						

approprises		Signature:
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Yard illumi	nation based	on solar PV	LEDs					
		4	9.Detail	calculati	ons	& % of savin	g:	
Serial Number	Е	nergy Cons	ervation Mo	easures			Saving %	
1		Sola	r PV LEDs			upto 40 % savir	ng on illumination w.r.t. CFL lamps	
		50	.Details	of pollut	ion c	ontrol Syste	ms	
Source	Ex	isting pollu	tion contro	l system		Pro	posed to be installed	
Air			NA			0 1	drop Venturi Scrubber followed by olet separator and stack	
Water			NA				P, Packaged type STP	
Noise			NA			Acoustic treatm	nent of enclosable machinery, PPE	
Solid Waste		1	NA				CHWTSDF	
	allocation cost and	Capital cos	st:	Rs. 287000	00			
	cost):	O & M cos	t:	Rs. 365000	00 per	Annum		
51	.Envire	onment	tal Mar	nageme	ent j	plan Budg	etary Allocation	
		a)	Construc	ction pha	nse (v	with Break-u	ıp):	
Serial Number	Attri	butes	Parai	neter		Total Cost p	per annum (Rs. In Lacs)	
1	Air Polluti	on Control	Water sp	prinkling			1.2	
2	Environment Monitoring			water , noise and soil		2		
3		n Belt opment	Tree pla	antation			1	
		b) Operat	ion Phas	e (w	ith Break-up):	
Serial Number	Comp	onent	Descr	iption	Сар	ital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)	
1	Air Polluti	on Control	followed l	sure drop Scrubber by droplet and stack		~ 240	~ 286	
2		Pollution atrol		aged type FP		~ 25	~ 1.25	
3		onment toring		, noise and pil		~ 7.5	~ 8	
4		s waste & waste jement		yard and osal		~ 2	~ 60	
5		n Belt opment	Tree plan landso	tation and caping		~ 5	~ 0.5	
6		al Health & fety	Medical	check up		~ 2.5	~ 7.2	
7	Oth	ners	EHS ti	raining		~ 5	~ 3	
51.S	torage	of che	micals	(inflan substa		-	/e/hazardous/toxic	

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Description	Status	Location	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		
HSD	fuel	Within si	te	200 l drum	1500 liters in drums	105	Local	By road		
Disinfection chemical (Sodium hypochlorite)	BMW	Within si	te	35 l carboys	175 l carboys	~ 0.2	Local industrial chemical supplier	By road		
Scrubbing medium (Caustic Lye)	chemical	Within si	te	35 l carboys	100 lit in carboys	~ 1	Local industrial chemical supplier	By road		
Alum	chemical	Within site		100 kg bag	5 no. of 100 kg bags	~0.1	Local industrial chemical supplier	By Road		
		52.A	ny Ot	her Info	rmation					
No Information Availab	ole									
		53.	Traffi	c Manag	jement					
			1, gate	d T exit to t	he main roa	d with gentle r	adius			
	Number basemer	and area of nt:	0							
	Number podia:	and area of	0							
	Total Pa	rking area:	438 sq.m							
	Area per	r car:	NA							
Parking details:	Area per Number Wheeler approve compete authorit	of 2- rs as d by ent	NA							
S	Number Wheeler approve compete authorit	rs as d by ent	NA							
	Public T	'ransport:	NA							
	Width o roads (n	f all Internal n):	approx	. 6 m (with	variations a	s per operation	al requirem	lent)		
	CRZ/ RF obtain, i	Z clearance if any:	NA							
	Criticall areas / I areas/ in	ed Areas / y Polluted Eco-sensitive iter-State	No pro	tected area	within 15 k	m radius				
Abhay Pimparkar (Secr SEAC-I)	Abhay Pimparkar (Secretary SEAC-I)					Page 77 D	Signature: Name: Dr. Umaka r. Umakant Chairman SI			

	Category as per schedule of EIA Notification sheet	7(da)				
	Court cases pending if any	No				
	Other Relevant Informations	Capacity of plant 5040 MT per year for incineration. 1848 MT per year for autoclaving Incinerator 2 of 300 kg/hr Autoclave 2 of 110 kg/hr shredder 1 of 500 kg/hr ETP capacity 40 cmd STP capacity 2 cmd				
	Have you previously submitted Application online on MOEF Website.	No				
	Date of online submission					
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS				
Environmental Impacts of the project	the report. PP has conducted per EIA Notification, 20	t to the committee. Various aspects of the Environment are discussed in ucted base line data collection for Air, Water, Soil & Noise parameters as 06 amended from time to time. PP proposes Zero Liquid Discharge 2. PP proposes stack height of 30 meters to the incinerator to control the				
Water Budget	PP submitted water bud at Sr. No 33 of the Cons	get calculations in the EIA report and also indicated water requirement solidated Statement.				
Waste Water Treatment	PP proposes Zero Liquid	PP proposes Zero Liquid Discharge effluent treatment plant.				
Drainage pattern of the project	PP considered contour l	PP considered contour levels during design of storm water drains.				
Ground water parameters	As per data submitted b	y PP ground water parameters are within the prescribed limits.				
Solid Waste Management	Not Applicable					
Air Quality & Noise Level issues	As per data submitted b project site.	y PP Air Quality and Noise parameters are within the prescribed limits at				
Energy Management	The electrical demand for proposes two numbers of	or proposed project is 250kVA which will be supplied by MSEDCL. PP of 100 KVA DG Sets.				
Traffic circulation system and risk assessment	PP proposes minimum 6 movement of vehicles.	meter wide internal roads with nine meter wide turning radius for easy				
Landscape Plan	PP proposes 33% green	belt within the proposed area.				
Disaster management system and risk assessment	PP prepared onsite eme	rgency plan.				
Socioeconomic impact assessment	PP has carried out socio	economic impact study and included in the EIA report.				
Environmental Management Plan		PP proposes EMP cost of Rs. 4.2 Lakhs during construction phase, Rs. 287.00 Lakhs as capital cost and Rs. 365.95 Lakhs as recurring cost for the maintenance of Environmental parameters.				
Any other issues related to environmental sustainability		the odor from the proposed activity to prevent nuisance to the nt. PP to ensure compliance of the Bio Medical Waste Management				
	Brief informa	tion of the project by SEAC				

D 70	Signature: Name: Dr. Umakant Gangetreo Dangat
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PP submitted their application for the grant of TOR under category 7(da)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015 in the 127th meeting of SEAC-I held on 12th and 13th May,2016.

The proposal is only for common biomedical waste treatment facility at Gut No. 458/460/461 in the PimpriChinchwad Municipal Corporation area. The proposed plant will be operated by M/s Passco Environmental Solutions Pvt. Ltd.

The proposal was considered in 145th meeting and decided as below,

After detailed deliberations it was observed that PP (PCMC) has not conducted Public Hearing as per EIA NOtification, 2006 for the propsoed project. Committee felt as it is a mandatory requriement PP shall conduct Public Hearing and upload final EIA/EMP reprot for further appraisal.

In view of above, SEAC-I decided to defer the proposla till PP submits Public Haring Reprot and final EIA/EMP report.

Now PP submitted Public Hearing Reprot and 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 obtain water supply permission from the PCMC.

2) PP to recycle treated waste water for scrubbing purpose.

3) PP to provide and connect the online monitoring system to the MPCB server as per prevailing rules.

4) PP to undertake development of green belt in coming monsoon season. PP to provide drip irrigation so as to ensure maximum survival of the plants.

5) PP to prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.018.

FINAL RECOMMENDATION

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



166th Meeting of State Level Expert Appraisal Committee (SEAC-1) (Day - 1) SEAC Meeting number: 166 Meeting Date May 27, 2019

Subject: Environment Clearance for Environmental Clearance for proposed production capacity enhancement of M/s. Siddharth Carbochem Products Ltd.

Sidunartii Carbochenii Froducts Ltu.	
Is a Violation Case: No	
1.Name of Project	M/s. Siddharth Carbochem Products Ltd
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rishabh Jain
4.Name of Consultant	M/s Sadekar Enviro Engineers Pvt. Ltd.
5.Type of project	Industrial Project , Schedule 5 (f) Category B1 as per EIA Notification of 2006.
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project.
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Existing project was set up before 2006.
8.Location of the project	Plot no E-3, MIDC area near Raymond factory, Jalgaon.
9.Taluka	Jalgaon
10.Village	
Correspondence Name:	Mr. Rishabh Jain
Room Number:	-
Floor:	4th Floor
Building Name:	Eros Theatre building
Road/Street Name:	J Tata Road,
Locality:	Churchgate
City:	Mumbai
11.Whether in Corporation / Municipal / other area	MIDC area.
12.IOD/IOA/Concession/Plan Approval Number	Not applicable IOD/IOA/Concession/Plan Approval Number: Not applicable Approved Built-up Area: 8983.32
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	20700
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.): 8983.32
	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: 09-12-2014
19.Total ground coverage (m2)	8034
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	38.81 %
21.Estimated cost of the project	20000000
22 Num	her of huildings & its configuration

22.Number of buildings & its configuration



Serial number	Buildin	g Name & 1	number	Nu	umber of floors	Height of the building (Mtrs)
1		Jot applicabl		1	Not applicable	Not applicable, Project is Industrial; the height of factory shed is 20 m
23.Number tenants an		Not applica	ble			
24.Number expected r users		Not applica	ble			
25.Tenant per hectar		Not applica	ble			
26.Height building(s)						0
27.Right o (Width of t from the n station to t proposed h	the road earest fire the	Width of the	e road from t	the nearest i	fire station is 12 meters	wide.
28.Turning for easy ac fire tender movement around the excluding for the pla	ccess of from all building the width	Turning rac	lius of 9 met	ers is provid	ed within the plot prem	ises.
29.Existing		Manufactur	ing plant & a	associated in	nfrastructure are presen	t on project plot
30.Details demolition disposal (I applicable)	ı with f	Not applica	ble, reactors	& related r	nachinery will be set up	in existing shed.
			31.P	roduct	tion Details	
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)
1	Methyl S	alicylate	25	50	350	600
2	Salicyl	ic acid	95	5.8	146.2	242
3	Octyl Sa	alicylate	()	150	150
4	Sodium S	Salicylate	()	150	150
5	Asp	irin	()	150	150
6	Oth	iers	()	150	150
7	Synthetic	c polymer	14	13	857	999
8		er treatment 125		25	875	1000
9	By pro	oducts	-		-	-

32.Total Water Requirement

Sodium Sulphate Salt



		Sou	arce of water		Not applicab	ole							
		Fre	sh water (CMD)		Not applicab								
			cycled water - shing (CMD):		Not applicab	ole							
			cycled water - rdening (CMD):		Not applicab	ole							
			imming pool ke up (Cum):		Not applicab	ole							
Dry season: Requirement (CMD) :				D)	Not applicab	ole							
		Une	e fighting - derground wate k(CMD):	r	Not applicab	ole				0			
Fire fighting - Overhead water tank(CMD):					Not applicable								
		Exc	cess treated wat	er	Not applicab	ole							
			arce of water		Not applicab								
			esh water (CMD)):	Not applicab	ole							
		Flu	cycled water - shing (CMD):		Not applicable								
			cycled water - rdening (CMD):		Not applicab	ole							
		Swimming pool make up (Cum):			Not applicab	ole							
Wet seaso	n:		al Water quirement (CMI	D)	Not applicable								
		Une	e fighting - derground wate k(CMD):	r	Not applicable								
		Ove	e fighting - erhead water k(CMD):		Not applicab	ble							
		Exc	cess treated wat	er	Not applicab	ole							
Details of s pool (If an		Not	applicable										
			33.Deta	ails	of Total	water	consume	ed					
Particula rs	CV	Со	nsumption (CM	(D)		L	oss (CMD)		Effl	uent (CMD)		
Water Require ment	Existing	I	Proposed		Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	6.0		4.0		10	3.2	2.0	5.2	2.8	2.0	4.8		
Industrial Process	45		20		65	41.53	13.47	55	3.47	6.53	10		
Cooling tower & thermopa ck	8 (2.4 condensa recovery		594 (160 condensate recovery)	СС	02 (162.4 ondensate recovery)	4.87	378.3	383.17	0.73	55.7	56.43		
Gardening	1.0		12		13	1	12	13	0	0	0		

asper other		Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Dr. Umakant Dangat
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Fresh water requireme nt	60	630	690	50.6	405.77	456.37	7.0	64.23	71.23		
		Level of the Ground water table:	More than 2	More than 200 m bgl							
		Size and no of RWH tank(s) and Quantity:		RWH tank of 20 m3 volume & quantity to be stored is 15 m3.							
		Location of the RWI tank(s):	H Near Shed a	area							
34.Rain W Harvesting		Quantity of recharge pits:	• Not Applical	ble				0			
(RWH)	,	Size of recharge pits	s Not Applical	ble			6				
		Budgetary allocation (Capital cost) :	n 8.0 Lakh			(-			
		Budgetary allocation (O & M cost) :	n 0.5 Lakh								
		Details of UGT tank if any :	s Currently W provided (ex								
			ļ								
		Natural water drainage pattern:	Storm water boundaries			pacity is	provided a	long the			
35.Storm v drainage	water	Quantity of storm water:	mm/Hr and	Storm water have been designed considering a peak rainfall of 100 mm/Hr and run-off co-efficient of 0.9. The total quantity of storm water will be 1863 m3/Hr							
		Size of SWD:	500 m x 510) mm x 560	mm.						
			Y								
		Sewage generation in KLD:	4.8								
		STP technology:	Domestic waste water will be treated by aeration of ETP.								
Sewage a	nd	Capacity of STP (CMD):	Not Applical	Not Applicable , sewage will be treated by aeration of ETP.							
Waste wa		Location & area of the STP:	Not Applical	Not Applicable							
		Budgetary allocation (Capital cost):	n Not Applical	ble							
6		Budgetary allocation (O & M cost):	n Not Applical	ble							
	2	36.Sol	id waste	Mana	gemei	nt					
Waste gener		Waste generation:	Construction not occur.	n activities	are not ant	icipated;	hence was	te generati	on will		
the Pre Cons and Constru phase:		on Disposal of the construction waste debris:									
		Dry waste:	Dry wastes s Existing 300 18.12 MT/M) Kg/M & A	fter expansi	ion 500 k					
		Wet waste:	Not Applica	ble							
Waste gen in the oper		Hazardous waste:	Exsiting : ET Sludge (Cat - 7.0 MT/M								
Phase:		Biomedical waste (I applicable):	f Not Applicat	ble							
		STP Sludge (Dry sludge):	Not Applica	ble							
		Others if ever	Not Applicat	hla							

		Dry waste:		Through au	thorized rec	ycler/re-	-proc	cessor/brick	manufacturer.	
		Wet waste	•	Not Applic	able					
Mode of 1	Disnosal	Hazardous	s waste:	The sludge from ETP and MEE Residue will be sent to M/s. Maharashtra Enviro Power Ltd., Ranjangaon for disposal.						
of waste:	Disposai	Biomedica applicable		Not Applicable						
STP Sludge (Dry sludge):				Not Applica	able					
		Others if a	ny:	Not Applic	able					
		Location(s):	Dedicated project plo		aste stor	rage	area will be	provided as per the	
Area requirem	ent:	Area for th of waste & material:		Dedicated Hazardous Waste storage area will be provided.					e provided.	
		Area for m	achinery:	Not Applic	able					
	allocation	Capital cos	st:	2.0 Lakh						
(Capital co O&M cost)		O & M cos	t:	6.0 Lakh						
		1	37.Ef	fluent C	harecter	estics				
Serial Number	Paran	Parameters Unit			Effluent terestics			Effluent cerestics	Effluent discharge standards (MPCB)	
1	р	Η		6	5.8		8	.2	6- 8.5	
2	TI	OS	mg/l	2400		20		00	<2100 mg/l	
3	BC	DD	mg/l	1	110		24		<100 mg/l	
4	CC		mg/l	5	00		20	3.1	<250 mg/l	
Amount of e (CMD):	effluent gene	eration	71.23 CMD							
Capacity of	the ETP:		85 CMD	$\overline{\mathbf{A}}$						
Amount of t recycled :	reated efflue	ent	65.9 CMD	fD						
Amount of v	water send to	o the CETP:	Not Applica							
Membershij	p of CETP (if	f require):	Not Applica							
Note on ETI	P technology	v to be used	high conc. condensate followed by	effluent will will be trea	be treated in ted in the 3 s ent to achiev	MEE. T stage ET	The lo P (Pi	ow conc. effl rimary, seco	w conc. Effluent. The uent along with MEE ndary & tertiary) uent will be treated in	
Disposal of	the ETP sluc	lge	CHWTSDF,	M/s. Mahar	ashtra Envir	o Power	Ltd.	, Ranjangao	n for disposal.	
	CV		38.Ha	zardous	Waste D	etails	5			
Serial Number	Descr	iption	Cat	UOM	Existing	Propos	sed	Total	Method of Disposal	
1	ETP S	ludge	35.3	MT/M	0.75	2.25	5	3.0	CHWTSDF, Rajangaon	
2	MEE r	residue	37.3	MT/M		7.0	7.0 7.0		CHWTSDF, Rajangaon	
3	Sodium Su	lphate salt		MT/M		30		30	Reuse/Recycle/Sale to authorized vendor	
			39.S t	tacks em	ission D	etails				
Serial Number	Section	& units		ed with ntity	Stack No.	Heig from groun level (n nd	Internal diameter (m)	Temp. of Exhaust Gases	
	ortesso oarkar (Secre		C Meeting N	o: 166 Meet 2019	ing Date: May	y 27,		ge 84 🛛 Dr. L	ture:	

1	steam bo existing Bo	1.5 MT/Hr biler (This biler will be biled out)	Coal/Briquette: 18 kg/Hr			1		30	0.4	150°C
2) 200 KVA enerator	Di	iesel :	25 L/Hr	1		7	0.1016	80°C
3		l) 750 KVA enerator	Die	esel : 1	150 L/Hr	1		12	0.2032	90°C
4		ed) 6 lakh nermopack	Coa	al/Briq Kg,	uette 265 /Hr	1		30	0.8	160°C
5	steam bo boiler will l	l) 3 MT/Hr biler (this be for stand y)	Coa	l/Briqı kg/	uette: 580 /Hr	1		30	0.8	150°C
6) 10 MT/hr boiler	Coal	/Briqu kg/	lette: 2000 /Hr	1		30	0.8	150°C
			4().De	tails of F	^r uel t	o be	e used		
Serial Number	Тур	oe of Fuel			Existing			Proposed	0	Total
1	Coa	l/Briquette			180 Kg/Hr			2265 Kg/H	r	2265 Kg/Hr
2		Diesel	el 25 L/Hr					150 L/Hr	9	175 L/Hr
41.Source of	Source of Fuel Coal -Local Supplier ,Brique vendor						quette	e - Local Suj	plier ,Diese	l -Local Petroleum
42.Mode of	2.Mode of Transportation of fuel to site By Road									
		Total RG a	rea :		6831 sq.m					
		No of trees	s to be	e cut	Not Applica	ble				
		Number of be planted		to	Existing no. of trees – 302 Nos. Total no of trees to be planted 723 Nos.					
43.Gree Develop		List of pro native tree	posed		Cassia fistula, Bombax ceiba, Macaranga peltata, Schleichera Oleosa Microcos Paniculata, Terminalia elliptica , Terminalia Paniculata , Terminalia bellirica, Cordia dichotoma, Helicteresisora, Holoptelea integrifolia, Butea monosperma, Oroxylum indicum, Azadirachta Ind Callicarpato mentosa, Neolamarckia cadamba, Pterospermum acerifolium					ninalia Paniculata , resisora, Holoptelea rum, Azadirachta Indica ,
		Timeline for completion plantation	n of		1 years afte	er grant	t of Ei	nvironmenta	l clearance.	
	44.Nu	mber and	l list	of t	rees spe	cies 1	to b	e plante	d in the	ground
Serial Number	Name of	the plant	Co	ommo	n Name		Qua	ntity	Charact	eristics & ecological importance
1	Cassia	fistula	Bah		ava		4	.0		rnamental tree having s attracting bees and butterflies.
2	Bomba	x ceiba		Sav	war		4	6		tree with large showy ers visited by birds.
3	Macaran	ga peltata	Chan		Chandwar		5	0	A native tree found in abundance across the sahyadri range.	
	Macaran	ga pontata	oleosa Kusi						tive tree found in abundance in Sahyadris.	



	C L A		20				
		47.EI	nergy				
1	Not Applicable	Not Applic	able		Not Applicable		
Serial Number	Name	C/C Dista	nce		Area m2		
46.Nun	nber and list of sl	nrubs and bushes	species	to be pl	anted in the podium RG:		
45	5.Total quantity of plan	ts on ground					
17	Pterospermum acerifolium	Muchkund	35		A native ornamental tree.		
16	Neolamarckia cadamba	Kadamba	61	-	A native evergreen tree with thick canopy.		
15	Callicarpato mentosa	Aisar	25		A native evergreen tree with beautiful flowers & thick hairy leaves which helps in dust settling.		
14	Azadirachta Indica	Neem	46		A native evergreen tree known for plantation in polluted area.		
13	Oroxylum indicum	Tetu	43		A native ornamental tree.		
12	Butea monosperma	Palash	40		A native brilliantly flowering tree fed by local birds fairly common and abundant across the Jalgaon District.		
11	Holoptelea integrifolia	Vavala	43		A native tree abundantly found in Jalgaon District.		
10	Helicteres isora	Murudsheng	43	}	A native shrub extensively found in the tracts & plains of sahyadri used as roost plant by variety of birds.		
9	Cordia dichotoma	Shelu	61		Native deciduous tree attracting various insects.		
8	Terminalia bellirica	Baheda	43	3	A native medicinally important tree.		
7	Terminalia paniculata	Kindal	25	5	Kindal is a tropical tree with a large natural distribution in Western Ghats.		
6	Terminalia elliptica	Ain	56	5	A native evergreen broad leaved tree common in the Sahyadris.		
5	Microcos paniculata	Shirali	30		A native evergreen tree abundantly found across the Sahyadri ranges.		

 Abhay Pimparkar (Secretary SEAC-I)
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 Signature: Signature:

		Source of power supply :	Maharashtra Stat	e Electricity Distribution Company Limited (MSEDCL)				
		During Construction Phase: (Demand Load)	Not Applicable					
		DG set as Power back-up during construction phase	Not Applicable					
		During Operation phase (Connected load):	1300 KW					
Pow require		During Operation phase (Demand load):	1620 KVA					
		Transformer:	Existing 400 (It w	ill be removed) & After Expansion 2000 KVA				
	DG set as Power back-up during operation phase:		2 Nos. of DG set -	200 KVA & 750 KVA				
		Fuel used:	Diesel					
		Details of high tension line passing through the plot if any:	000					
		Ũ	na by non-co	nventional method:				
Solar power	to be provi	ded for street lights and	0 0					
	to be prove			& % of saving.				
Serial	49.Detail calculations & % of saving:							
Number	E	nergy Conservation Mo	easures	Saving %				
1		Not Applicable		Not Applicable				
		50.Details	of pollution o	control Systems				
Source	Ex	xisting pollution contro	ol system	Proposed to be installed				
Emissions from Boiler/TFH	boiler of	1. Stack height of 30m have been provide boiler of capacity 1.5 MT/Hr to ensure dispersion of pollutants. (this boiler will out).		1. Multicyclone separator attached to Stack of 30m will be provided to the proposed boiler of capacity 3 MT/Hr (this boiler will be Stand by) 2. Multicyclone separator attached to Stack of 30m will be provided to the proposed Thermopack of capacity 6 Lakh Kcal/Hr. 3. Multicyclone separator attached to Stack of 30m will be provided to the proposed boiler of capacity 10 MT/Hr.				
Waste Water	ETP of 8 CMD capacity comprising of Primary, Secondary and Tertiary Treatment. STP of 3 CMD will be scraped out.		t. STP of 3 CMD	ETP will be upgraded to 85 CMD capacity comprising of Primary, Secondary and Tertiary Treatment. Installation of MEE of 25 CMD capacity. Installation of RO of 80 CMD.				
Noise Pollution & Air Emissions from DG set.	Stack of	Stack of 7m have been provided to the D.G. set capacity 200 KVA.		Stack of 12 m have been provided to the D.G. set of capacity 750 KVA.				
Solid Hazardous Waste	demarcate	azardous waste is stored i ed area, and sent to autho o Ranjangaon CHWTSDF	orized recycler or	The Hazardous waste is stored in a dedicated demarcated area, and sent to authorized recycler or sent to Ranjangaon CHWTSDF for disposal.				



Budgetary allocation Capital cost: (Capital cost and			st:	Not Applicable						
O&M		0 & M cos	it:	Not Applicable						
51	.Enviro	Environmental Management plan Budgetary Allocation								
a) Construction phase (with Break-up):										
Serial Number	Attri	butes	Paran	neter	Total Cost p	er annum (Rs. In Lacs)				
1	Not Ap	plicable	Not App	olicable	Ν	lot Applicable				
		b) Operati	on Phas	e (with Break-up):				
Serial Number	Comp	onent	Descri	ption	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)				
1	А	ir	Multicy separator a Stack of 30 provideo propos	ittached to ht of 30m rovided to boiler of .5 MT/Hr. er will be out). 2. yclone ittached to 0m will be d to the boiler of AT/Hr (This be stand iticyclone ittached to 0m will be d to the 1 TFH of 6 Lakh Hr. 4. yclone ittached to 0m will be d to the et do the stand be d to the l TFH of 6 Lakh Hr. 4. yclone	20	3.0				
2	Wa	iter	ETP comp Primary, S and Te Treatment, R.O trea	econdary ertiary MEE and	200	20				
3	No	vise	Noise Po Control, Ins anti-vibrati Enclo	tallation of on pads &	1.0	0.05				



4	Environment Monitoring	Quarterly Environment Monitoring : Ambient Air Monitoring (PM10, PM2.5, SO2, NOx, CO) , Work Place Air Monitoring (VOCs & Fugitive Emissions), Boiler & DG Set Monitoring (TPM, SO2, NOx), Effluent Treated & Untreated(pH, COD, BOD, TSS, TDS, Oil & Grease) , Monitoring of Carbon & Water Footprint.	2.0	5.5
5	Occupational Health	Glares, Breathing Masks, Gloves, Boots, Helmets, Ear plugs & Annual Health Check- up of workers.	3.0	7.0
6	Green Belt	Green Belt Maintenance	5.0	7.0
7	Rain Water Harvesting	Rain Water Harvesting	8.0	0.5
8	Solid Waste	Solid Waste Management & Disposal to CHWTSDF	2.0	6.0
9	Energy conservation	Solar street lights & solar power to be provided to office building.	3.0	0.25

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
Salicylic acid	Solid	Ware House	1000	1000	1200	Import	By Road/ By Sea
Methanol	Liquid	Solvent Area	60	60	280	Local	By Road
Liquor ammonia	Liquid	Tank Farm	15	15	32	Local	By Road
Caustic soda	Solid	Ware House	30	20	35	Local	By Road
Epichlorohydrin	Liquid	Tank Farm	40	40	150	Local/ Import	By road/by sea
Dimethylamine	Liquid	Tank Farm	40	40	120	Local	By Road
Adipic acid	Solid	Ware House	60	60	120	Local	By Road
2 ethyl hexanol	liquid	Solvent Area	20	20	150	Local	By Road
Acetyl Chloride	liquid	Ware House	25	20	120	Local	By Road
Acetic Acid	liquid	Tank Farm	20	20	60	Local	By Road
Trimethylcyclohexanol	liquid	Tank Farm	10	9	25	Local	By Road
Benzyl Chloride	liquid	Tank Farm	20	20	68	Local	By Road

Diallyldimethylammonium chloride	liquid	Ware H	ouse	20	20	68	Local	By road/by sea		
Dicyandiamide	solid	Ware H	ouse	60	60	155	Local/ Import	By Road		
Formaldehyde	liquid	Tank Fa	arm	20	15	150	Local	By Road		
Ammonium Chloride	solid	Ware H	ouse	30	20	29	Local	By Road		
Diethylenetriamine	liquid	Ware H	ouse	20	20	29	Local	By Road		
Acrylamide	solid	Ware H	ouse	10	10	10	Local	By Road		
Poly Aluminum Chloride	solid	Ware H	ouse	25	20	33	Local	By Road		
Aluminum Chlorohydrate	liquid	Tank Fa	arm	15	15	50	Local	By Road		
Acrylic Acid	liquid	Ware H	ouse	18	15	18	Local	By Road		
Maleic Anhydride	solid	Ware H	ouse	7	5	7	Local	By Road		
Styrene	liquid	Ware H	ouse	8	5	8	Local	By Road		
Butyl Acrylates	liquid	Ware H	ouse	10	6	10	Local	By Road		
		52.A	ny Oth	er Info	rmation					
No Information Availabl	e		5							
		53.	Traffic	Manag	ement		3			
	Nos. of the junction to the main road & design of confluence:			licable		500				
	Number a basement	nd area of	Not Applicable							
	Number a podia:	nd area of	Not Applicable							
	Total Park	king area:	2070 sq.	m.						
	Area per o	ar:	Not App	licable						
	Area per o	ar:	Not App	licable						
Parking details:	Number o Wheelers approved competen authority:	f 2- as by t	Not Applicable							
	Number o Wheelers approved competen authority:	as by t	Not App	licable						
	Public Tra	nsport:	Not App	licable						
C	Width of a roads (m)	ll Internal								
	CRZ/ RRZ obtain, if	clearance any:	Not Applicable							
	Distance f Protected Critically areas / Ec areas/ into boundarie	Areas / Polluted o-sensitive er-State	e Not Applicable							
	Category a schedule Notificatio	of EIA	B1		B1					

approvers			Signature:
Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 166 Meeting Date: May 27, 2019		Dr. Umakant Dangat (Chairman SEAC-I)
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	Court cases pending	Not Applicable
	if any	
	Other Relevant Informations	Not Applicable
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	Not Applicable	~8
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	
2	Brief informa	tion of the project by SEAC



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

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

agreeness Abhay Pimparkar (Secretary SEAC-I)

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Signature: Name: Dr. Umakant Gangatrao Dangat **Page 92** Dr. Umakant Dangat of 190 (Chairman SEAC-I)

ê. 1

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.

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

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

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

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

Specific Conditions by SEAC:

 PP to submit certificate of incorporation of the company, list of directors and memorandum and association of articles.
 PP to submit lay out plan showing internal roads with six meter width and nine meter turning radius, provision of cul-desac 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.
 PP to submit plan layout showing contour levels, storm water drain lines and location of rain water harvesting facilities along with calculations. PP to consider 125 mm rain intensity in Mumbai / Konkan area and 100 mm in rest of the Maharashtra area for the purpose of calculations.

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

5) PP to include detailed water balance calculations along with design details of zero liquid discharge ETP in the EIA report.6) PP to carry out life cycle analysis of the activities carried out on site with respect to the acidification potential, eutrophication potential, green house and ozone depletion potential etc and proposed mitigation measures to reduce the identified potentials.

7) PP to prepare the Legal Reregister with respect to compliance of various Acts , Rules and Regulations applicable to the manufacturing activities.

8) PP to carry out HAZOP and QRA and submit disaster management plan.

9) 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.

10) PP to submit technical note on how proposed expansion will be accommodated in the existing manufacturing plant along with equipment layout, spaces required for storage of raw materials and finished products etc.

11) PP to submit structural stability certificate of existing building with respect to the proposed expansion.

12) PP to submit hazardous chemical handling protocol

13) PP to include water and carbon foot print monitoring in the EMP.

14) PP to use new and renewable energy for illumination of office buildings, street lights, parking areas and maintain the same regularly PP to provide lightening arrestor.



FINAL RECOMMENDATION

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

SHACAL MARINA



166th Meeting of State Level Expert Appraisal Committee (SEAC-1) (Day - 1)

SEAC Meeting number: 166 Meeting Date May 27, 2019

Subject: Environment Clearance for Proposed project for expansion in existing products & addition of new products for manufacturing of amines & specialty chemicals at existing unit of Alkyl Amines Chemicals Limited at Plot Nos.: D-6/1 & D-6/2, MIDC Kurkumbh, Taluka Daund, Dist. Pune, Maharashtra 413802.

Is a Violation Case: No

Abhay Pimparkar (Secretary

SEAC-I)

1.Name of Project	Proposed project for expansion in existing products & addition of new products for manufacturing of amines & specialty chemicals at existing unit of Alkyl Amines Chemicals Limited at Plot Nos.: D-6/1 & D-6/2, MIDC Kurkumbh, Taluka Daund, Dist. Pune, Maharashtra 413802.				
2.Type of institution	Private				
3.Name of Project Proponent	Mr. Kirat Patel -Alkyl Amines Chemicals Limited				
4.Name of Consultant	Goldfinch Engineering Systems Private Limited				
5.Type of project	Industrial- Manufacturing of Synthetic Organic Chemicals				
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	Yes, EC letter- SEAC-2014/CR-387/TC-2 dated 31.03.2015				
8.Location of the project	MIDC Kurkumbh, Maharashtra				
9.Taluka	Daund				
10.Village	Pandharewadi, Kurkumbh				
Correspondence Name:	Mr. Sameer S. Katdare				
Room Number:	401-407				
Floor:					
Building Name:	Nirman Vyapar Kendra				
Road/Street Name:					
Locality:	lity: Plot No. 10, Sector 17, Vashi,				
City:	Navi Mumbai 400 703				
11.Whether in Corporation / Municipal / other area	NA				
12.IOD/IOA/Concession/Plan Approval Number 13.Note on the initiated work (If	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 276070				
applicable) 14.LOI / NOC / IOD from MHADA/	Not applicable (Already existing unit)				
Other approvals (If applicable)	NA				
15.Total Plot Area (sq. m.)	276,070 Sq. m.				
16.Deductions	NA				
17.Net Plot area	NA				
19 (a) Dropood Duilt up Area (FOL 6	a) FSI area (sq. m.): 19,194.896				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 171,468.459				
	c) Total BUA area (sq. m.): 28631				
	Approved FSI area (sq. m.): NA				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): NA				
DOR	Date of Approval: 15-04-2019				
19.Total ground coverage (m2)	23,360.153 Sq.m.				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	8.46 %				
21.Estimated cost of the project	4658200000				
Abhay Pimparkar (Sacratary	C Maating No. 166 Maating Data, May 27 Page 05 Dr. Umakant Gangetree Dangat				

SEAC Meeting No: 166 Meeting Date: May 27,

2019

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	2	2.Number of l	buildings &	its config	uration
Serial number	Buildin	g Name & number	Number of	f floors	Height of the building (Mtrs)
1		NA	NA		NA
23.Numb tenants a	er of ind shops	NA			
24.Numb expected users	er of residents /	NA			
25.Tenan per hecta	it density are	NA			
26.Heigh building(. 0
from the station to	f the road nearest fire	9 m			0260
for easy a fire tende movemen around t excluding	Furning radius easy access of tender rement from all 9 m und the building uding the width the plantation				0
29.Existi structure	ng e (s) if any	Manufacturing units, ra and DG sets, ETP, RO at		d goods storages ar	rea, utilities such as boilers, TFH
30.Detail demolitic disposal applicabl	on with (If	NA	AQ.		
		31.P	roduction l	Details	
Serial Number		Product	Existing (MT/M)	Proposed (MT/M)) Total (MT/M)
1	Amines, Aroma	tic Amines, Aliphatic Mixed tic Amines, Aromatic Mixed Others Mixed Amines	25,000 MT/A	+ 25,000 MT/A	50,000 MT/A
2	A- /	Aliphatic Amines	-	-	-
3		ethyl Amine (MMA)	-	-	-
4		thyl Amine(DMA)	-	-	-
5		ethyl Amine(TMA)	-	-	-
6		ethyl Amine (MEA)	-	-	-
7		hyl Amine (DEA)	-	-	
8		thyl Amine (TEA)	-	-	-
9		propyl Amine (MIPA)	-	-	-
10		ropyl Amine (DIPA)	-	-	-
11		ropylamine (NPA)	-	-	-
12		ROPYL AMINE (DNPA)	-	-	-
13		ropyl Amine (TNPA)	-	-	-
14		- Butylamine (MNBA)	-	-	-
15		Butylamine(DNBA)	-	-	-

CHR SS-			Signature:
appromises			Name: Dr. Umakant Gangetreo Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 96	Dr. Umakant Dangat
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17

Tri-N-Butylamine(TNBA/TBA)

2-Etylhexaylamine(2-EHA)

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			1	1
18	Bis-2-Ethylhexylamine(BIS-2-EHA)	-	-	-
19	Mono-Cyclohexylamine(MCHA)	-	-	-
20	Di-Cyclohexylamine(DCHA)	-	-	-
21	Proposed Products in category A	-	-	-
22	Morpholine (MORPH)	-	-	-
23	DiethyleneGlycoaminbe (DGA)	-	-	-
24	Ethylene Diamine (EDA)	-	-	-
25	Piperazine (PIPZ)	-	-	-
26	Allylamine (ALLA)	-	-	-
27	Diallylamine	-	-	-
28	Triallylamine	-	-	-
29	Diamylamine (mixture of amines) (DAMA)	-	-	-
30	Triamylamine (TAMA)	-	-	
31	Tertiary Octyl Amine (TOA)	-	-	
32	Isobutylamine (IBA)	-	-	-
33	1,4- Diaminobutane (1,4- DMB)	-	-	· ·
34	Pyrrolidine (Pyrldne)	-	-	
35	HexamethyleneDiamine (HMDA)	-	-	
36	Hexamethyleneimine (Azepane)	-	-	-
37	Tertiary Butylamine (TBA)	-	·	-
38	B- Aliphatic Mixed Amines	-	-	-
39	Diisopropylethyl Amine (Hunig's Base)(DIPEA)	-	·	-
40	Dimethyl Isopropyl Amine(DMIPA)	-		-
41	Ethylmethyl Amine(EMA)	-		-
42	Diethylmethyl Amine(DEMA)		-	-
43	Dimethylcyclohexyl Amine(DMCHA)		-	-
44	N-ethylcyclohexyl Amine(NECHA)	-	-	-
45	N-Methylisopropyl Amine(NMIPA)		-	-
46	Diisopropylmethyl Amine(DMPA)		-	-
47	Dimethylbutylamine(DMBA)	-	-	-
48	Dimethylethylamine(DMEA)	-	-	-
49	Ethylpropyl Amine(EPA)	-	-	-
50	N,N Dimethylpropyl Amine(DMPA)	-	-	-
51	Proposed Products in category B	-	-	-
52	N-ethyl Piperazine (NEPIPZ)	-	-	-
53	N-Methyl Piperazine (NMPIPZ)	-	-	-
54	N-Methyl Morpholine (NMM)	-	-	-
55	C- Aromatic Amines	-	-	-
56	N,N Dimethylbenzyl Amine(BDMA)	-	-	-
57	1-Methyl-3 Phenyl Propyl Amine(MPPA)	-	-	-
58	Furfurylamine(FFA)	-	-	-
59	Benzylamine(MBA)	-	-	-
60	Dibenzyl Amine(DBA)	-	-	-
61	N-Ethyl Benzayl Amine(NEBA)	-	-	-
62	4-Methyl-N.N-Dimethylbenzayl Amine(4MBDMA)	-	-	-
63	Beta – Phenylethylamine(PHEA)	-	-	-
64	Alpha-Phenylethylamine(APEA)	-	-	-
65	N-Isopropyl Benzene Amine(NIPBA)	-	-	-
66	I-(Inaphthyl) Ethylamine(ANEA)	-	-	-
67	3,5 Dichloroaniline(3.5 DCA)			

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	1			
68	Para Cumidine(PCD)	-	-	-
69	D- Aromatic Mixed Amines	-	-	-
70	Thiophene – 2 Ethyl Amine(THEA)	-	-	-
71	2-Cyclohexylethyl Amine(CHEA)	-	-	-
72	Piperidine(PIP)	-	-	-
73	Trans-4-Methylcyclohexyl Amine(4MCHA)	-	-	-
74	N-Methylbenzyl Amine(NMBA)	-	-	-
75	N-Benzylethanol Amine(NBEA)	-	-	-
76	E-Other Mixed Amines	-	-	-
77	Methoxypropylamine(MOPA)	-	-	-
78	Dimethylaminopropyl Amine(DMAPA)	-	-	-
79	Methylaminopropyl Amine(MAPA)	-	-	-
80	N-Methyl IminoBis Propyl Amine(MIBPA)	-	-	
81	Tetramethylenedlamine(TMEDA)	-	-	
82	Tetramethyl Amino Bis Propyl Amine(TMBPA)	-	-	0.
83	Ethoxy Propyl Amine(ETHOPA)	-	-	
84	Ethoxyethyl Amine(EEA)	-	-	
85	Diethylaminopropylamine(DEAPA)	-	-	
86	Ethylaminoethyl Amine(EAEA)	-	-	-
87	Dimethylamino Ethyl Amine(DMAEA)	-		-
88	1,3 Propylene Diamine(1,3-DAP)	-		-
89	3- Aminopropanol(3-AP)	-	-	-
90	Hydroxynovaldamine/N Bis(2hydroxyethyl) F-Phenylendiamine. Sulphatephenylenediaminesulphate (HND/HEPD SULPHATE)	- (-
91	N,N Bis (2 Amminopropyl) Ethylenediamine(N-4 AMINE)	-	-	-
92	3-Methylamino-1-Phenyl-1-Propanol(MAPP)		-	-
93	Diethyl Hydroxylamine(DEHA)	· · ·	-	-
94	DibenzylHydroxylaine(DBHA)	-	-	-
95	Isopropyl Hydroxylamine(IPHA)	· ·	-	-
96	N-Ethyl 1,2 – Dimethyl Propylamine (EDMPA)	-	-	-
97	Mixed Amines(MIXAMIN)	-	-	-
98	1,2 Dimethylpropylamine(1,2 DMPA)	-	-	-
99	Tris-2- (Ethyl Hexyl) Amine(TRIS-2-EHA)	-	-	-
100	3-(2-ethylhexoxy) Propylamine(EHOPA)	-	-	-
101	Iminobispropylamine(IBPA)	-	-	-
102	Proposed Products in category E	-	-	-
103	Diethyl Ethylene Diamine (DEEDA)	-	-	-
104	Diisopropyl Ethylene Diamine (DIPEDA)	-	-	-
105	Tertiary Amines- typical- N,N Dimethyl Laurylamine-LDMA (TA)	-	-	-
106	Tri Acetone Amine (TAA)	-	-	-
107	Di Tertiary Butyl Ethylenediamine (DTBEDA)	-	-	-
108	Methoxyethylamine (MOEA)	-	-	-
109	F-Betaines	1250 MT/A	0 MT/A	1250 MT/A
110	G-Aliphatic amine hydrochloride	15,000 MT/A	+15,000 MT/A	30,000 MT/A
111	Dimethylamine Hydrochloride(DMA HCL)	-	-	-
112	Dimethylaminopropylchloride Hydrochloride(DMAPC.HCL)	-	-	-

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113	Diethylamine Hydrochloride(DEA HCL)	-	-	
	Monomethylamine Hydrochloride(MMA		_	
114	HCL)	-	-	-
115	2-Chloroethylamine Hydrochloride(CEA HCL)	-	-	-
116	Triethylamine Hydrochloride(TEA HCL)	-	-	-
117	Trimethylamine Hydrochloride(TMA HCL)	-	-	-
118	H-Aliphatic Amine Hydrochloride Solution	15,000 MT/A	0 MT/A	15,000 MT/A
119	I-Amides	500 MT/A	+500 MT/A	1000 MT/A
120	Diethyltoluamide (DEET)	-	-	-
121	Dietylphenyl Acetamide(DEPA)	-	-	-
122	Proposed Products in category I	-	-	-
123	Acetamide (AA)	-	-	-
124	J-Pearlising Agent	500 MT/A	0 MT/A	500 MT/A
125	K-Hydrogen	600 MT/A	0 MT/A	600 MT/A
126	L-Retesting, Repacking, Relabeling of products such as Amines/Amine derivatives and specialty chemicals (like Primene)	100 MT/A	+100 MT/A	200 MT/A
127	M-Specialty Intermediatess	12,400 MT/A	+31,000 MT/A	43,400 MT/A
128	4-Methylcyclohexanone(4 MCHN)	-	-	-
129	3- Methoxypropanol(3 MOPL)	-	-	-
130	Dimethyl Propylene Urea(DMPU)	-		-
131	1.8 - Diazabicyclo (5.4.0) Undec - 7 Ene(DBU)	-		-
132	Ethyl Piperazinedione(EDP)	-	.	-
133	B – Dimethylaminopropionitrile(DMAPN)	-	-	-
134	Acetonitrile(AN)	-	-	-
135	N,N – Dimethyl Imidazolidone(DMI)		-	-
136	1,5- Diazobicyclo (4,3,0) non-5-Ene(DBN)		-	-
137	2- Methyl Tetrahydrofuran(2-MTHF)		-	-
138	Phenyl Ethyl Alcohol(PHEA)	· ·	-	-
139	2- Methyl Resorcinol(3 MR)		-	-
140	Proposed Products in category M		-	-
141	Tetrahydrofurfurylalcohol (THFA)	-	-	-
142	1,2 Pentanediol (1,2 PDL)	-	-	-
143	1, Pentanol (1, PNTL)	-	-	-
144	Gammabutyrolactone (GBL)	-	-	-
145	4-Aminobutanol (4-AMBUNOL)	-	-	
146	1,6 Hexanediol (1,6 HEXDIOL)	-	-	-
147	1,5 Pentanediol (1,5 PDIOL)	-	-	
148	2 Methylcyclohexylacetate (2 MCA)	-	-	-
149	Diethylsulphate (DES)	-	-	
150	Hindered Amines Light Stabiliser (HALS) Typical- Bis(2,2,6,6 Tetramethyl-4- Piperidyl) Sebacate	-	-	
151	N-Methylmorpholineoxide (NMMO)	-	-	
152	Trans-4Aminocyclohexanol (4AMCHNL)	-	-	-
153	Diisobutycarbinol (DIBC)	-	-	
154	1,2,4-Triazole (1,2,4 TAZL)	-	-	-
155	N-Ethylurea (NEU)	-	-	
156	N-Cynoacetyl N-Ethylurea (NCANEU)	-	-	_
157	2,2,6,6-Tetramethylpiperine 1-Oxyl			

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158		,6,6-Tetramethylpiperine 1- HYDROXY TEMPO)	-	-	-
159	Diace	tonealcohol (DAAL)	-	-	-
160	Mes	sityl Oxide (MEO)	-	-	-
161	2,2,6,6-Tetrai	nethyl 2,3- Dihydropiridine (TMDP)	-	-	-
162	2,4,6-Trimethy	l Pyridine Collidine (CODIN)	-	-	-
163]	Diethyl ketone	-	-	-
164	N-Sodi	um Acetate Solution	3400 MT/A	+7000 MT/A	10,400 MT/A
165	0.	Other Products	-	-	-
166	Used C	austic Lye (existing)	0 MT/A	0 MT/A	0 MT/A
167	Used	Catalyst (existing)	15 MT/A	+56 MT/A	71
168	DEET Aqueous Layer (existing)		90 MT/A	0 MT/A	90 MT/A
169	Used Ammonia Solution (existing)		620 MT/A	+180 MT/A	800 MT/A
170	Used Solvent (Purified) (existing)		1 MT/A	0 MT/A	1 MT/A
171	Sodium	Sodium Sulphate (proposed)		+3500 MT/A	3500 MT/A
172	Calcium	Calcium Sulphate (proposed)		+1170 MT/A	1170 MT/A
173	Sodium carbonate solution (proposed)		0 MT/A	+3580 MT/A	3580 MT/A
174	Calcium Carbonate (proposed)		0 MT/A	+388 MT/A	388 MT/A
175		Fotal Products	79,476 MT/A	+87,474 MT/A	166,950 MT/A
		22 Toto	1 Water De	quiromont	
		52.10ld	i water ke	quirement	
		Source of water	NA		
		Fresh water (CMD):	NA		
		Recycled water - Flushing (CMD):	NA		
		Recycled water - Gardening (CMD):	NA		
		Swimming pool make up (Cum):	NA		
Dry seas	son:	Total Water Requirement (CMD) :	NA		
		Fire fighting - Underground water tank(CMD):	NA		
		Fire fighting - Overhead water tank(CMD):			
		talik(CMD).			
		Excess treated water	NA		



		Source	of water	NA								
		Fresh v	vater (CMD): NA								
		Recycled water - Flushing (CMD):		NA	NA							
		Recycled water - Gardening (CMD):		NA								
Wet season:			ing pool p (Cum):	NA								
		Total W Require :	Vater ement (CM)	D) NA								
Fire fighting - Underground wa tank(CMD):				er NA					9			
Fire fighting - Overhead water tank(CMD):				NA				25				
	Excess treated water											
Details of S pool (If any		NA				C						
	33.Details of Total water consumed											
Particula rs		Consu	mption (CN	(ID)	Loss (CMD)			Effluent (CMD)				
Water Require ment	Existi	ng	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	49		0	49	-10	0	-10	39	0	39		
Industrial Process	140)	67	207	+21	+75	+96	161	142	303		
Cooling tower & thermopa ck	1452	2	481	1933	-1196	-331	-1527	256	150	406		
Gardening	200		10	210	-200	-10	-210	0	0	0		
Fresh water requireme nt	19/1		558	2399	-1385	-266	-1651	456	292	748		
Fresh water requireme nt	Water Recycled		-	39+188 +12+12 =251	-	-	-	-	-	-		
Fresh water requireme nt	Total fresh required 2 onwar	nd day	-	2148	-	-	-	-	-	-		



	Level of the Ground water table:	5-10 m
	Size and no of RWH tank(s) and Quantity:	$400\ \mathrm{m3}\ \mathrm{x}\ 1$ no. Harvested rain water will be stored in this tank and excess rain water will be led to natural drain.
	Location of the RWH tank(s):	Near Admin building
34.Rain Water Harvesting	Quantity of recharge pits:	Not applicable as collected water will be reused.
(RWH)	Size of recharge pits :	Not applicable as collected water will be reused.
	Budgetary allocation (Capital cost) :	Rs. 10 Lac
	Budgetary allocation (O & M cost) :	Rs. 0.5 lac/A
	Details of UGT tanks if any :	Solvent storage tanks 14 nos.
	Natural water drainage pattern:	Proper and separate storm water drains are provided as per natural slopes.
35.Storm water drainage	Quantity of storm water:	1561 l/s
	Size of SWD:	Width: 600mm; Depth: 600 mm; Slope 1:10
	Sewage generation in KLD:	Existing: 39 CMD; Proposed: 0 CMD; Total: 39 CMD
	STP technology:	Generated sewage will be treated in existing STP.
Sewage and	Capacity of STP (CMD):	50 CMD
Waste water	Location & area of the STP:	72 sq.m ground coverage near existing ETP
	Budgetary allocation (Capital cost):	Rs. 43.84 Lac
	Budgetary allocation (O & M cost):	Rs. 6 lac/A
	36.Soli	d waste Management
Waste generation in	Waste generation:	Quantity will be provided at time of EIA
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Within premises in low lying area.
	Dry waste:	Hazardous Waste: • Ash From Incineration Hazardous Waste- 2 TPA; • Discarded container/barrels/liners- 7200 Nos./A; • E-waste- 0.9 TPA; • Biomedical waste- 0.1 TPA. Non-hazardous waste: • Wood Pallet- 12 TPA; • Scrap Material-22 TPA; • Carboy plastic- 2000 nos./A; • Office paper waste-2 TPA; • Woven sack bag HDPE- 2 TPA; • Drums- 5400 nos./A; • Boiler Ash from bagasse-14,190 TPA (43 TPD); • Boiler Ash from coal (Indian)-83,490 TPA (253 TPD); • Boiler Ash from coal (imported)-13,350 TPA (41 TPD).
Waste generation in the operation	Wet waste:	Hazardous Waste: • Contaminated Aromatic Aliphatic Or Napthalenic Solvents- 48.5 TPA; • Spent Carbon from ETP - 6 TPA; • Toxic metal containing residue from water purification- 8 TPA; • Distillation residue- 2515 TPA; • Used/spent oil- 27 TPA; • Spent organic solvent- 1590 TPA; • Chemical sludge from waste water treatment/bio sludge- 346 TPA; • Waste/residue containing oil- 4 TPA; • MEE salts- 36 TPA; Non- Hazardous Waste: • Biological Sludge from STP- 20 TPA
Phase:	Hazardous waste:	Hazardous Waste: • Contaminated Aromatic Aliphatic Or Napthalenic Solvents- 48.5 TPA; • Ash From Incineration Hazardous Waste - 2 TPA; • Spent Carbon from ETP-6 TPA; • Toxic metal containing residue from water purification- 8 TPA; • Distillation residue- 2515 TPA; • Used/spent oil- 27 TPA; • Spent organic solvent- 1590 TPA; • Discarded container/barrels/liners- 7200 Nos./A; • Chemical sludge from waste

		Dry waste:		MPCB auth	orized party	for reuse/To	CHWTSDF				
		Wet waste			1 0			neration in factory			
		Hazardous						neration in factory			
Mode of a of waste:	Disposal	Biomedica applicable		Authorized Biomedical Waste disposal facility.							
		STP Sludg sludge):	e (Dry	Use as manure for gardening within premises							
		Others if a	ny:	Sale to autl	norized vend	ors/Recycler	s.				
		Location(s):	In plot D-6/	2 area as inc	dicated in plo	ot layout.				
Area requirem	ent:	Area for th of waste & material:		Area for the	e storage of I	Hazardous w	raste 400 Sq	.m.			
		Area for m	achinery:	Not applica	ble						
Budgetary		Capital cos	st:	Rs.25 lacs,	which is Inc	luded in tota	l capital cos	t			
(Capital cost and O&M cost): O & M cost			t:	Rs. 496.86	Lacs/year						
	•		37.Ef		harecter	estics					
Serial Number	Paran	neters	Unit	Inlet E	affluent terestics	Outlet I Charect	Effluent discharge standards (MPCB)				
1	1 pH			9-	10	7	-8	5.5-9.0			
2	BOD3	,27ºC	mg/L	1000	1000-1250		.00	<100			
3	CC)D	mg/L	2000-2500		200-250		<250			
4	TSS		mg/L	150	-200	<100		<200			
5 TDS mg,				1500-2000 500-600			-600	<2100			
Amount of e (CMD):	Amount of effluent generation 709 CMD										
Capacity of	the ETP:		Existing ET	P-1 - 100 CN	ID; Existing	ETP-2 - 100	CMD; Propo	sed ETP-3 - 150 CMD			
Amount of t recycled :	reated efflue	ent	251 CMD								
Amount of v	vater send to	o the CETP:	500.5 CMD								
Membershi	p of CETP (if	require):	CETP Kurkumbh								
Note on ET	P technology	to be used	of 100 CMD separately. blowdowns, process alo) each consis Then existin effluent fro ng with othe n tank. Out c	sting of prim Ig 267 CMD Im DM plant Ir effluent fro	ary, seconda effluents from being neutra om utilities 4	ry and tertian washings, llized. Then 17 (150+26	two full-fledged ETP's ary treatment boiler & cooling tower tertiary effluent from 7) CMD being collected arged to CETP as per			
Disposal of	the ETP sluc	lge	Sent to CH	to CHWTSDF							
	2		38.Ha	zardous	Waste D	Details					
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal			
1	Hazardo Det		-	-	-	-	-	-			
2		ninated liphatic Or ic Solvents	20.1	T/A	48.5	0	48.5	Incineration in factory/ CHWTSDF/ authorized co-processor			
3	Ash From I Hazardo	ncineration us Waste	36.2	T/A	2	0	2	To CHWTSDF			

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	011	-	tacks em				garachilig
26	Biological Sludge from STP	Not Specified	T/A		20	20	Use as manure in gardening
25	Boiler Ash from coal (imported)	Not Specified	T/A	5940 (18 TPD)	7590 (23TPD)	13,350 (41 TPD)	Sale to brick manufacturer
24	Boiler Ash from coal (Indian)	Not Specified	T/A	28,380 (86 TPD)	55,110 (167 TPD)	83,490 (253 TPD)	Sale to brick manufacturer
23	Boiler Ash from bagasse	Not Specified	T/A	3000 (9 TPD)	11,190 (34 TPD)	14,190 (43 TPD)	Sale to brick manufacturer
22	Drums	Not Specified	nos./A	2700	2700	5400	By Sale
21	Woven sack bag HDPE	Not Specified	T/A	1.0	1.0	2.0	By Sale
20	Office paper waste	Not Specified	T/A	1.0	1.0	2.0	By Sale
19	Carboy plastic	Not Specified	nos./A	1000	1000	2000	By Sale
18	Scrap Material	Not Specified	T/A	11.0	11.0	22.0	By Sale
17	Wood Pallet	Not Specified	T/A	6.0	6.0	12.0	By Sale
16	Non-Hazardous waste	-	-	-	-	-	-
15	Biomedical waste	Not Specified	T/A	-	0.1	0.1	Authorized Biomedica Waste disposal facility
14	E-Waste	Not Specified	T/A		0.9	0.9	Returned to manufacturer througl authorized dealer on buy back procuremen
13	Other Wastes-	-	-		-	-	-
12	MEE Salts	35.3	T/A		36	36	ETP CHWTSDF
11	Waste/residue containing oil	5.2	T/A	2	2	4	Incineration in factory CHWTSDF/ authorize co-processor
10	Chemical sludge from waste water treatment/bio sludge	34.3	T/A	336	10	346	CHWTSDF/Incineratio
9	Discarded container/barrels/liners	33.3	Nos./A	3600	3600	7200	Sale to MPCB authorized party /return to party
8	Spent organic solvent	28.5	T/A	250	1340	1590	Sale to MPCB authorized party/CHWTSDF/ authorized co- processor
7	Used/spent oil	5.1	T/A	11	16	27	Sale to MPCB authorized party
6	Distillation residue	20.3	T/A	330	2185	2515	Incineration in factory CHWTSDF/ authorize co-processor
5	Toxic metal containing residue from water purification	34.2	T/A	4	4	8	CHWTSDF
4	Spent Carbon from ETP	35.3	T/A	3	3	6	Incineration in factory CHWTSDF

39.Stacks emission Details

approtations
Abhay Pimparkar (Secretary SEAC-I)

Signature:

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Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Existing 28 TPH Boiler	Bagasse-16.7 T/hr /Imported Coal- 7.5 T/hr /Indian Coal- 10.21 T/hr	1	60 m combined stack	2.0 m	125o C
2	Existing 18 TPH Boiler	Bagasse-11.7 T/hr /Imported Coal- 4.85 T/hr /Indian Coal- 6.56 T/hr	1	60 m combined stack	2.0 m	1250 C
3	Existing 10 TPH Boiler	Bagasse-5 T/hr /Imported Coal- 2.65 T/hr /Indian Coal- 3.65 T/hr	1	42 m	0.65 m	1250 C
4	Proposed 50 TPH Boiler	Imported Coal- 9.5 T/hr /Indian Coal- 17.02 T/hr	1	73 m	2.58 m	1250 C
5	Existing TFH 15 lac kcal/hr	FO-125 kg/hr	1	31 m	1 m	130o C
6	Existing TFH10 lac kcal/hr	FO- 70 kg/hr	1	26.5 m	1.8 m	130o C
7	Existing H2 plant TFH- 5 lac Kcal/hr	Methanol/CO /CO2/H2-55 kg/hr	1	15 m	0.25 m	130o C
8	Proposed TFH2- 30 lac Kcal/hr	FO- 190.5 kg/hr	1	42 m	0.5 m	130o C
9	Proposed TFH3- 2.5 lac Kcal/hr	Methanol/Off gas- 28 kg/hr	1	15 m	0.25 m	130o C
10	DG set 1000 KVA (Existing)	HSD- 210 lit/hr	1	7.82 m above enclosure	0.15 m	1350 C
11	DG set 1000 KVA (Existing)	HSD- 243 lit/hr	1	7.82 m above enclosure	0.15 m	135o C
12	DG set 2000 KVA (Proposed)	HSD- 403 lit/hr	1	10 m above enclosure	0.25 m	135o C
13	Ethylene Vent MPP2		1	15 m	0.08 m	Ambient
14	Flare	Ethylene-75 kg/hr./ H2- 5 kg/hr.	1	5 m	1.5 m	300°C
15	Incinerator	HSD- 20 kg/hr	1	30 m	0.2 m	200-250°C
16	H2 plant PSA vent	Water/ Aqueous Media	1	15 m	0.15 m	Ambient
17	Process HCl Scrubber	Water/ Aqueous Media	1	6 m	0.15 m	Ambient
18	Acetonitrile Plant vent gas	Water/ Aqueous Media	1	12 m	0.08 m	Ambient
19	Ethyl Plant Vent	Water/ Aqueous Media	1	24 m	0.24 m	Ambient
20	SMPV vent	Water/ Aqueous Media	1	12 m	0.3 m	Ambient
21	MPP-3 vent	Water/ Aqueous Media	1	12 m	0.3 m	Ambient
22	HCl Scrubber	Water/ Aqueous Media	1	6.5 m	0.15 m	Ambient
23	Amine Hydrochloride plant 2	Water/ Aqueous Media	1	15 m	0.3 m	Ambient

age of the set			Signature:
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24	Amine Hyd plai		Wate	r/ Aqu	eous Media		L	15 m	0.3	m	Ambient
25	7th Colu	mn Stack	Wate	r/ Aqu	eous Media		L	10 m	0.05	5 m	Ambient
26	MPP-4 pla	ant, 3 nos.	Wate	r/ Aqu	eous Media		L	15 m each	0.1 ea		Ambient
27	MP	P-5	Wate	r/ Aqu	eous Media	1 e	ach	15 m	0.1	m	Ambient
28	MPP-6 V	/P plant	Wate	r/ Aqu	eous Media		L	15 m	0.1	m	Ambient
29	Acetoniti	rile Plant	Wate	r/ Aqu	eous Media	1 15 m		0.15	5 m	Ambient	
30	Amine Hyd plant-4		Wate	r/ Aqu	eous Media	1 e	ach	15 m each	0.3 ea		Ambient
31	PSV Absor	ber, 2 nos.	s. Water/ Aqu		eous Media	1 e	ach	15 m each	0.3 ea		Ambient
32	PSA	vent	Wate	r/ Aqu	eous Media		L	15 m	0.1	m	Ambient
33	*Note- Existing DG set- 320 KVA x 1 no. will be replaced by 1 no. of DG sets of 2000 KVA.					-	-		5		
	I		4	0.De	tails of F	uel	to b	e used			
Serial Number	Тур	e of Fuel			Existing			Proposed	3		Total
1		/imported co dian coal	oal	16	.7T/hr /7.5 T/ /10.21 T/hr	/hr	hr /9.5 T/hr /17.02		2 T/hr 16.7T/hr /17 T/hr /27.23		[/hr /17 T/hr /27.23 T/h
2		FO			271 kg/hr	71 kg/hr 1				461.5 kg/hr	
3		HSD			533 lit/hr		2	403 lit/hr			936 lit/hr
4	Methan	ol/CO/CO2/H	ł2		55 kg/hr			27 kg/hr			82 kg/hr
41.Source c	of Fuel			Local		6					
						<u> </u>					
42.Mode of	Transportat	ion of fuel to	o site	By Ro							
42.Mode of	Transportat	ion of fuel to	o site	By Ro							
42.Mode of	Transportat	ion of fuel to Total RG a		By Ro	Inside: 58,2						tside: 33,432 Sq.m. of total plot area)
42.Mode of	Transportat		irea :		Inside: 58,2						
43.Gree	n Belt	Total RG a	nrea : s to be f trees	e cut	Inside: 58,2 (12% of tota Nil	al plot	area);	: Total: 91,68	3Sq.m	(33%	of total plot area)
42.Mode of 43.Gree Develop	n Belt	Total RG a No of tree: : Number of	urea : s to bo f trees l : posed	e cut s to	Inside: 58,2 (12% of tota Nil	nted:	area); 4000;	Total: 91,68	3Sq.m	(33%	of total plot area)
43.Gree	n Belt	Total RG a No of trees : Number of be planted List of pro	rea : s to be f trees l : posed es : or n of	e cut s to	Inside: 58,2 (12% of tota Nil Existing Pla	nted: , Vad,	area); 4000; Pimpa	Total: 91,68 Proposed to Il, etc.	3Sq.m	(33%	
43.Gree	n Belt oment	Total RG a No of trees : Number of be planted List of pro native tree Timeline f completion plantation	rea : s to be f trees l : posed es : for n of	e cut s to	Inside: 58,2 (12% of tota Nil Existing Pla Arjun, Apta,	nted: , Vad, uction	area); 4000; Pimpa	Total: 91,68 Proposed to al, etc. oject	3Sq.m	(33%	of total plot area) 4000; Total trees : 800
43.Gree	n Belt oment	Total RG a No of trees : Number of be planted List of pro pative trees Timeline f completion plantation	s to be f trees i : posed es : or n of : d list	e cut s to	Inside: 58,2 (12% of tota Nil Existing Pla Arjun, Apta, With constr	nted: , Vad, uction	area); 4000; Pimpa of pro to b	Total: 91,68 Proposed to al, etc. oject	3Sq.m be pla	(33%) nted:	of total plot area) 4000; Total trees : 800
43.Gree Develop Serial	n Belt oment 44.Nu	Total RG a No of trees : Number of be planted List of pro native tree Timeline f completion plantation mber and the plant	s to be f trees i : posed es : or n of : d list	e cut s to	Inside: 58,2 (12% of tota Nil Existing Pla Arjun, Apta, With constr	nted: , Vad, uction	area); 4000; Pimpa of pro to b Qua	: Total: 91,68 Proposed to al, etc. oject e plantec	3Sq.m be pla	(33% nted: he (4000; Total trees : 800 ground eristics & ecological
43.Gree Develop Serial Number	n Belt oment 44.Nur Name of	Total RG a No of trees : Number of be planted List of pro native trees Timeline f completion plantation mber and the plant	s to be f trees i : posed es : or n of : d list	e cut s to l t of t Arj	Inside: 58,2 (12% of tota Nil Existing Pla Arjun, Apta, With constr Trees spee n Name	nted: , Vad, uction	area); 4000; Pimpa of pro to b Qua 20	Total: 91,68 Proposed to al, etc. oject e plantec ntity	3Sq.m be pla	(33% nted: The (Pol	4000; Total trees : 800 ground eristics & ecological importance
43.Gree Develop Serial Number 1	n Belt ment 44.Nur Name of Terminal	Total RG a No of trees : Number of be planted List of pro native trees Timeline f completion plantation mber and the plant	s to be f trees i : posed es : or n of : d list	e cut s to l t of t Arj Ar	Inside: 58,2 (12% of tota Nil Existing Pla Arjun, Apta, With constr Trees spee n Name jun	nted: , Vad, uction	area); 4000; Pimpa of pro to b Qua 20 20	Total: 91,68 Proposed to al, etc. oject e plantec ntity 00	3Sq.m be pla	(33% nted: :he (aracte Pol Pol	4000; Total trees : 800 ground eristics & ecological importance lution Resistant
43.Gree Develop Serial Number 1 2 3 4	n Belt ment 44.Nur Name of Terminal Bauhinia Ficusben Ficusre	Total RG a No of trees: Number of be planted List of pro native trees Timeline f completion plantation mber and the plant liaarjuna racemosa ghalensis	s to be f trees i : posed es : or n of : d list	e cut s to l t of t ommo Arj Ar Va Pim	Inside: 58,2 (12% of tota Nil Existing Pla Arjun, Apta, With constr Trees spee in Name jun ota ad	nted: , Vad, uction	area); 4000; Pimpa of pro to b Qua 20 10	Total: 91,68 Proposed to al, etc. oject e plantec ntity 00 00 00 00	3Sq.m be pla	(33% nted: che (Pol Pol Pol Pol	4000; Total trees : 800 4000; Total trees : 800 ground eristics & ecological importance lution Resistant lution Resistant lution Resistant lution Resistant lution Resistant
43.Gree Develop Serial Number 1 2 3	n Belt ment 44.Nui Name of Terminal Bauhinia Ficusben	Total RG a No of trees: Number of be planted List of pro native trees Timeline f completion plantation mber and the plant liaarjuna racemosa ghalensis eligiosa ria alba	s to be f trees i : posed es : or n of : d list	e cut s to l t of t ommo Arj Arj Va Pim Ch	Inside: 58,2 (12% of tota Nil Existing Pla Arjun, Apta, With constr Trees spee in Name jun ota ad	nted: , Vad, uction	area); 4000; Pimpa of pro to b Qua 20 20 10 10 20	Total: 91,68 Proposed to al, etc. oject e plantec ntity 00 00 00	3Sq.m be pla	(33% nted: pol Pol Pol Pol Pol	4000; Total trees : 800 4000; Total trees : 800 eristics & ecological importance lution Resistant lution Resistant lution Resistant

a profiteres			Signature:
CC60			Name: Dr. Umakant Gångetrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 106	Dr. Umakant Dangat
SEAC-I)	2019		(Chairman SEAC-I)
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7	Teminalia	tomentosa	А	in	20	0	Pollution Resistant			
8	0	troemia ciosa	Tar	nan	20	0	Pollution Resistant			
9	Ficuse	iselastica Ru		ber	20	0	Pollution Resistant			
10	Tectona	agrandis	Те	ak	2000		Pollution Resistant			
11	Cassia	fistula	Bah	lava	20	0	Pollution Resistant			
12	Neolamarc	kiacadamba	Kad	amb	20	0	Pollution Resistant			
45	5.Total qua	ntity of plants on	grou	nd						
46.Num	nber and	list of shrub	os an	d bushes s	pecies	to b	e planted in the podium RG			
Serial Number	Name			C/C Distance	C/C Distance Area m2					
1	NA			NA			NA			
				47.Ene	rgy					
		Source of power supply : During Constru		MSEDCL			-OV			
		Phase: (Demano Load)	d	800 KVA						
Power requirement:		DG set as Power back-up during construction ph			-					
		During Operation phase (Connect load):		5500 KW	0					
		During Operation phase (Demand load):	ase (Demand 4000 KW							
		Transformer:		4000 KVA						
		DG set as Powe back-up during operation phase	\checkmark	1000 KVA × 2	Nos. 2000) KVA	× 1 No.			
		Fuel used:	7	HSD 936 lit/hr						
		Details of high tension line pas through the plo any:		Not Applicable						
		48.Energy	savi	ng by non-o	conven	tion	al method:			
Details will	be provided	at time of EIA								
	SY	-	etail	calculation	s & %	of s	aving:			
Serial Number	E	Energy Conservat	ion M	easures			Saving %			
	1 NA				NA					
		NA								
			ails	of pollution	ı contr	ol S				
	Ех			-	n contr	ol S				
1		50.Det	c ontro vclone	l system followed by stac	ŀ		ystems			
1 Source		50.Det isting pollution Collector, Multi-cy	c ontro /clone height	l system followed by stac	ŀ		ystems Proposed to be installed			

approvations		Signature: Name: Dr. Umakant Gaupatrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Dr. Umakant Dangat
SEAC-I)	2019	(Chairman SEAC-I)

llocation ost and ost): Enviro Attrik Du Dek Constr equip Compo Air pollutio Water p	a) outes ist oris uction ment b onent		B Cr/A ment phase (with Brea	ak-up):	m (Rs. In I			
Dest): Enviro Attrik Du Dek Constr equip Compo Air pollutio Water p	onment a) outes ust oris uction ment b onent	tal Manager Construction J Parameter Air Pollution Solid Waste Noise Pollution) Operation Ph	phase (with Brea	ak-up): r annu 1.0				
Attrik Du Dek Constr equip Compo Air pollutio Water p	a) outes ist oris uction ment b onent	Construction J Parameter Air Pollution Solid Waste Noise Pollution) Operation Ph	phase (with Brea	ak-up): r annu 1.0				
Du Dek Constr equip Compo Air pollutio Water p	outes Ist oris uction ment b onent	Parameter Air Pollution Solid Waste Noise Pollution) Operation Pl			-	annu 1.0	m (Rs. In I	.acs)		
Du Dek Constr equip Compo Air pollutio Water p	ist oris uction ment b onent	Air Pollution Solid Waste Noise Pollution) Operation Pl	nase (w	Total C	Cost per	1.0	m (Rs. In I	.acs)		
Dek Constr equip Comp Air pollutio Water p	oris uction ment b onent	Solid Waste Noise Pollution) Operation Pl	nase (w							
Constr equip Compo Air pollutio Water p	uction ment b onent	Noise Pollution) Operation Pl	nase (w			1.0				
equip Compo Air pollutio Water p	ment b onent) Operation Pl	nase (w			1.0				
Air pollutio Water p	onent		nase (w			0.5		5		
Air pollutio Water p		Description		ith Break	c-up):		0			
Water p	on control	2 courption	Сар	pital cost Rs. Lacs	. In		tional and ost (Rs. in	Maintenance Lacs/yr)		
-		ESP, Stack, Mult cyclone and Bag fil		580			10.0			
0011	-	ETP, MEE & RO		894.85 32 68.05			218.88			
		Acoustic enclosur and regular maintenance	'e				0.5			
Occupational Health Environmental Monitoring Budget including carbon and water footprint Hazardous waste Storage & disposal		Occupational Health Occupational Health Consum first a infra Environmental Monitoring Budget including carbon and Footp					Health insurance policy, Medical staff charges, First aid		e hff l use er	3.23
				Footprint and Wat	Monitoring, Carbon Footprint and Water			10.0		
				25			496.86			
Greer	n belt	Plantation &Maintenance of Green belt	f	20		15.0				
Tot	tal			1619.9			754.4	.7		
orage	of che			-	osive	/haz	zardou	s/toxic		
ion	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	/ Mon	th in	Source of Supply	Means of transportatio		
i	Con Decupation Environ Monitorin neluding c water for Hazardor Storage & Green Tor Drage	Environmental Monitoring Budget ncluding carbon and water footprint Hazardous waste Storage & disposal Green belt Total	Noise pollution Controland regular maintenanceAnd regular maintenanceMedical checkup Health insurance policy, Medical sta charges, First aid facilities, consumables, In-ho first aid room, Oth infrastructure an EquipmentEnvironmental Monitoring Budget ncluding carbon and water footprintEnvironmental Monitoring, Carbo Footprint and Wat Footprint monitoriHazardous waste Storage & disposalStorage, Transportation an disposalGreen beltTotalOrage of chemicals (infl sub	Noise pollution Controland regular maintenanceMedical checkup, Health insurance policy, Medical staff charges, First aid facilities, consumables, In-house first aid room, Other infrastructure and EquipmentEnvironmental Monitoring Budget ncluding carbon and water footprintEnvironmental Monitoring, Carbon Footprint and Water Footprint monitoringHazardous waste Storage & disposalStorage, Transportation and disposalGreen beltOrtalTotalTotalTotalTotalStorage Green beltStorage Green beltTotalStorage CapacityStorage CapacityNotal LocationStorage Capacity	Noise pollution Controland regular maintenance32Medical checkup, Health insurance policy, Medical staff charges, First aid facilities, consumables, In-house first aid room, Other infrastructure and Equipment68.05Environmental Monitoring Budget ncluding carbon and water footprintEnvironmental Monitoring, Carbon Footprint and Water Footprint monitoring68.05Hazardous waste Storage & disposalStorage, Transportation and disposalMaximum Orage of chemicals (inflamable/explor substances)20onStatusLocationStorage Grapacity in MTMaximum Quantity of storage at any point of time inMaximum Quantity of storage tat any point of time in	Noise pollution Control and regular maintenance 32 Medical checkup, Health insurance policy, Medical staff charges, First aid facilities, consumables, In-house first aid room, Other infrastructure and Equipment 68.05 Environmental Monitoring Budget ncluding carbon and water footprint Environmental Monitoring, Carbon Footprint and Water Footprint monitoring Hazardous waste Storage & disposal Storage, Transportation and disposal 25 Green belt Plantation & Maintenance of Green belt 20 Total 1619.9 Drage of chemicals (inflamable/explosive substances) Maximum Quantity of Storage at any point of time in Consum / Mon	Noise pollution Control and regular maintenance 32 Medical checkup, Health insurance policy, Medical staff charges, First aid facilities, consumables, In-house first aid room, Other infrastructure and Equipment 68.05 Environmental Monitoring Budget ncluding carbon and water footprint Environmental Monitoring, Carbon Footprint and Water Footprint monitoring Hazardous waste Storage & disposal Storage, Transportation and disposal Plantation & Maintenance of Green belt 20 Total 1619.9 Drate Juantity of Storage at any point of time in MT Consumption / Month in MT	Noise pollution Controland regular maintenance320.5Medical checkup, Health insurance policy, Medical staff charges, First aid facilities, consumables, In-house first aid frequipment68.053.23Decupational HealthEnvironmental Monitoring Budget monitoring Budget moluding carbon and water footprintEnvironmental Monitoring, Carbon Footprint and Water Footprint monitoring68.053.23Hazardous waste Storage & disposalStorage, Transportation and disposal10.0Green beltPlantation & Maintenance of Green beltPlantation & Maintenance of Green belt2015.0Total1619.9754.4Orage of chemicals (inflamable/explosive/hazardou substances)onStatusLocationStorage Capacity in MTConsumption NTSource of Supply		

age ones			Signature:									
Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 166 Meeting Date: May 27, 2019		Dr. Umakant Dangat (Chairman SEAC-I)									
SEAU-I)	2019	0j 190	(Chairman SEAC-I)									
Specially denatured spirit	liquid	RM wareho	ouse	1440 L	8640 L	5192 L	Local	Road				
----------------------------	-----------------------------------------------------------------------	---------------------------------------------------------	-------------------------------------------	----------	----------	-------------	-------	------	--	--	--	--
Anhydrous Ammonia	gas	RM wareho	use	75	150	2374	Local	Road				
Hydrogen	gas	RM wareho	use	5.9 NM3	3245 NM3	600000 m3/m	Local	Road				
Diethylene Glycol	liquid	RM wareho	use	100 L	200 L	1800 L	Local	Road				
Amine HCL solution	liquid	RM wareho	use	200 L	800 L	9000 L	Local	Road				
Acetic Acid	liquid	RM wareho	use	200 L	400 L	4407 L	Local	Road				
Caustic Lye	liquid	RM wareho	use	100 L	100 L	1320 L	Local	Road				
Caustic Flakes	solid	RM wareho	use	0.025 kg	10 kg	21 kg	Local	Road				
Ortho cresol	liquid	RM wareho	use	0.15 L	30 L	220 L	Local	Road				
		52.A	ny Ot	her Info	ormation	l						
No Information Availab	ole											
		53.	Traffi	c Manag	gement		6					
	to the m design o confluer		NA			00	2					
	basemer Number		NA NA									
	podia: Total Pa	podia: Total Parking area:		NA								
		Area per car:										
		Area per car:										
Parking details:	Number of 2- Wheelers as approved by competent authority:		NA									
	Number Wheeler approve compete authorit	of 4- s as d by ent	NA									
	Public T	ransport:	NA									
	Width or roads (n	f all Internal 1):	6 m with turning radius of 9m									
	CRZ/ RR obtain, i	Z clearance f any:	NA									
9	Criticall areas / H	ed Areas / y Polluted Eco-sensitive iter-State	No such areas within 10 km radius circle.									
	Categor schedule Notifica		B1, 5 (f)									
	Court ca if any	ses pending	NO									
	Other R Informa		NO									

ager ones		Signature: Name: Dr. Umakant Gangetrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Dr. Umakant Dangat
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	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	09-04-2019
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	tion of the project by SEAC

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

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

DECISION OF SEAC

appropriates			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 110	Dr. Umakant Dangat
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Draft Terms of Reference (TOR) have been discussed and finalized during the meeting of SEAC-1. The committee prescribed the following additional TOR along with Standard TOR as available on the Ministry of Environment, Forest and Climate Change website for preparation of EIA-EMP report.

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

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

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

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

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. PP to consider 125 mm rain intensity in Mumbai / Konkan area and 100 mm in rest of the Maharashtra area for the purpose of calculations.

4) PP to submit an undertaking for not violating any requirements of EIA Notification,2006 amended from time to time.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 include detailed water balance calculations along with design details of effluent treatment plant and copy of CETP permission to discharge treated effluent to the CETP in the EIA report.

7) PP to prepare the Legal Register with respect to compliance of various Acts , Rules and Regulations applicable to the manufacturing activities.

8) PP to carry out life cycle analysis of all the products manufactured on site with respect to the acidification potential, eutrophication potential, green house and ozone depletion potential etc and proposed mitigation measures to reduce the identified potentials.

9) PP to carry out HAZOP and QRA and submit disaster management plan.

10) 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.

11) PP to submit technical note on how proposed expansion will be accommodated in the existing manufacturing plant along with equipment layout, spaces required for storage of raw materials and finished products etc.

12) PP to submit structural stability certificate of existing building with respect to the proposed expansion.

13) PP to submit hazardous chemical handling protocol

14) PP to include water and carbon foot print monitoring in the EMP.

15) 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.

appartaness		Signature:
Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 166 Meeting Date: May 27, 2019	 Dr. Umakant Dangat (Chairman SEAC-I)

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.

SHACHENDA



SEAC Meeting number: 166 Meeting Date May 27, 2019

Subject: Environment Clearance for SEIAA PROPOSAL FOR REVALIDATION OF PRIOR ENVIRONMENTAL CLEARANCE VIDE LETTER 2013/CR117/TC-3 DATED 26.06.2013 FOR MINE OF M/s. S. L. Khatri & Company Through Partner Mr. Shyamlal Lahorimal Khatri OVER GUT NO 90 Part AREA 2.79 Ha FOR 24084 BRASS At MAUZA (Jalka) Shahapur TQ Amaravati DIST Amaravati ,GPS 21°0' 20.181"N 77°53' 45.8618"E

Is a Violation Case: No

Is a violation Case: No	
1.Name of Project	SEIAA PROPOSAL FOR REVALIDATION OF PRIOR ENVIRONMENTAL CLEARANCE VIDE LETTER 2013/CR117/TC-3 DATED 26.06.2013 FOR MINE OF M/s. S. L. Khatri & Company Through Partner Mr. Shyamlal Lahorimal Khatri OVER GUT NO 90 Part AREA 2.79 Ha FOR 24084 BRASS At MAUZA (Jalka) Shahapur TQ Amaravati DIST Amaravati
2.Type of institution	Private
3.Name of Project Proponent	M/s. S. L. Khatri & Company Through Partner Mr. Shyamlal Lahorimal Khatri
4.Name of Consultant	ENVIRO TECHNO CONSULT PVT LTD. ,NAGPUR
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	Existing
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No
8.Location of the project	Gut No.90 Part
9.Taluka	Amaravati
10.Village	Shahapur
Correspondence Name:	M/s. S. L. Khatri & Company Through Partner Mr. Shyamlal Lahorimal Khatri
Room Number:	Gut No.90 Part
Floor:	Gut No.90 Part
Building Name:	Gut No.90 Part
Road/Street Name:	Gut No.90 Part
Locality:	Shahapur
City:	Shahapur
11.Whether in Corporation / Municipal / other area	Grampanchayat
	MINING PLAN
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: BON/MINING/MMP/215/2019/442 dated3.4.2019
	Approved Built-up Area: 27900
13.Note on the initiated work (If applicable)	MINE IS RUNNING WITH VALID CLEARANCE
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI ISSUED BY DISTRICT COLLECTOR AMARAVATI
15.Total Plot Area (sq. m.)	27900
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.): 27900
	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: 03-04-2019
19.Total ground coverage (m2)	Not applicable

 Abhay Pimparkar (Secretary SEAC-I)
 SEAC Meeting No: 166 Meeting Date: May 27, 2019
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 Signature: International Content of Signateneous Contend of Signateneous Content of Signature: Internationa

	coverage Perentage of plo									
21.Estimate	d cost of the	project	5400000							
	2	2.Num	ber of l	buildin	gs & its conf	iguration				
Serial number	Buildir	ng Name & 1	number Number of floors			Height of the building (Mtrs)				
1	1	Not applicabl	e	Ν	lot applicable	Not applicable				
23.Number tenants an		Not applica	ble							
24.Number expected r users		Not applica	ble							
25.Tenant per hectar		Not applica	ble			60				
26.Height building(s)										
27.Right o (Width of the from	the road earest fire the	12				300				
28.Turning for easy ac fire tender movement around the excluding for the pla	from all building the width	6 M			.000					
29.Existing structure (Not applica	ble							
30.Details demolition disposal (I applicable	i with f	Not applica	ble							
		1	31.P	roduct	ion Details					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)				
1		rum (Minor eral)	192886 TPA /24084 192886 TPA /24084 192886 TPA /24084 Brass per year Brass per year 192886 TPA /24084							
	CY	3	32.Tota	l Wate	r Requireme i	nt				



		Source of wa	ter	Water Tanker							
		Fresh water	(CMD):	2							
	Recycled water - Flushing (CMD):			Not applicable							
		Recycled wat Gardening (C		Not applicat	ole						
		Swimming po make up (Cu		Not applicat	ole						
Dry season	:	Total Water Requirement :	t (CMD)	2							
		Fire fighting Underground tank(CMD):		Not applical	ole						
		Fire fighting Overhead wa tank(CMD):		Not applical	ble			0			
		Excess treate	ed water	Not applical	ole						
		Source of wa	ter	Not applical	ole						
		Fresh water	(CMD):	Not applical	ole						
Recycled water - Flushing (CMD):			Not applicable								
		Recycled wat Gardening (C		Not applicable							
		Swimming po make up (Cu		Not applicable							
Wet season	1:	Total Water Requirement :	t (CMD)	Not applical	ble						
		Fire fighting Underground tank(CMD):	- 1 water	Not applicable							
		Fire fighting Overhead wa tank(CMD):	ter	Not applicable							
		Excess treate	ed water	Not applicable							
Details of S pool (If any		Not applicable	9								
		33	.Detail	s of Tota	l water co	nsume	d				
Particula rs	Cons	umption (CM	D)	I	Loss (CMD)		Ef	fluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	0	0.800	0.800	0.	0.800	0.800	0	0	0		
	0	1.20	1.20	0	1.20	1.20	0	0	0		



	Level of the Ground water table:	18 m					
	Size and no of RWH tank(s) and Quantity:	0					
	Location of the RWH tank(s):	0					
34.Rain Water Harvesting	Quantity of recharge pits:	1					
(RWH)	Size of recharge pits :	Mine pit will act as recharge pit					
	Budgetary allocation (Capital cost) :	Not Applicable					
	Budgetary allocation (O & M cost) :	Not Applicable					
	Details of UGT tanks if any :	Not Applicable					
35.Storm water	Natural water drainage pattern:	Storm water drain of 1m width x 1m depth x along peripheral length is proposed along peripheral area within safety barrier as per natural drain slopes					
drainage	Quantity of storm water:	33480					
	Size of SWD:	1m x1m along the peripheral length					
	Sewage generation						
	in KLD:	0.40					
	STP technology:	Biotoilet proposed adjacent to ML area					
Sewage and	Capacity of STP (CMD):	0.40					
Waste water	Location & area of the STP:	Biotoilet proposed adjacent to ML area					
	Budgetary allocation (Capital cost):	n 195000					
	Budgetary allocation (O & M cost):	n 50000					
	36.Solie	d waste Management					
Waste generation in	Waste generation:	Not Applicable					
the Pre Construction and Construction phase:		Not Applicable					
	Dry waste:	Being Minor Mineral all the mined out material is saleable/usable. Top Soil layer is very thin and negligible and will be utilized for peripheral plantation proposed within safetyb barrier					
	Wet waste:	Not Applicable					
Waste generation	Hazardous waste:	Not Applicable					
in the operation Phase:	Biomedical waste (If applicable):	Not Applicable					
	STP Sludge (Dry sludge):	Not Applicable					
	Others if any:	Not Applicable					
2-020 AVRIES		Signature:					

ageotaus			orgunture,
			Name: Dr. Umakant Gangetreo Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 116	Dr. Umakant Dangat
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	Dry waste:						Being Minor Mineral all the mined out material is saleable/usable. Top Soil layer is very thin and negligible and will be utilized for peripheral plantation proposed within safetyb barrier						
		Wet waste			Not Applicable								
Mode of I	Disposal	Hazardous	waste	e:	Not applica	ble							
of waste:		Biomedica applicable		e (If	Not applica	ble							
		STP Sludg sludge):	e (Dry	7	Not applica	ble							
		Others if a	ny:		Not applica	ble							
		Location(s):		Not Applica temporary i							ble and stock will be	
Area requirem	ent:	Area for th of waste & material:			Not Applica temporary i							ble and stock will be	
		Area for m	achin	ery:	Not Applica temporary i							ble and stock will be	
Budgetary		Capital cos	st:		Not applica	ble						•	
(Capital co O&M cost)		O & M cos	t:		Not applica	ble							
			3	7.Ef	fluent Cl	hare	cter	estic	s	3			
Serial Number	Paran	neters	Ur	nit	Inlet E Charect					Efflue eresti		Effluent discharge standards (MPCB)	
1	Not apj	plicable	N appli		Not apj	plicabl	е	Ν	lot apj	plicabl	e	Not applicable	
Amount of e (CMD):	effluent gene	eration	Not applicable										
Capacity of	the ETP:		Not a	pplica	ble	F							
Amount of t recycled :	reated efflue	ent		pplica									
Amount of v				pplica	ble								
Membership		-	No										
Note on ETH				pplica									
Disposal of	the ETP sluc	ige		pplica		Was	to D	otai					
Serial	Descr	iption	Ca		UOM Existing				tal	Method of Disposal			
Number 1	Not app		No		0	(0	(()	Not applicable	
	GY				tacks em	issio	n D	otail					
			J	9.31	lacks em	12210		1					
Serial Number	Section	& units	Fu		ed with ntity	Stacl	k No.	Hei fro grou level	om und	diamet		Temp. of Exhaust Gases	
1	Not app	plicable		(0	()	N appli			ot cable	Not applicable	
			4().De	tails of F	uel	to b	e use	d				
Serial Number	Тур	e of Fuel			Existing			Proposed		Total			
1	Not	applicable		Ν	Not applicabl	е	Ν	lot app	licabl	е		Not applicable	
Abhay Pimparkar (Secretary SEAC-I) SEAC Meeting No: 166 Meeting Date 2019							e: May	y 27,		e 117 f 190	Dr. U	ture: : Dr. Umakant Gangetreo Dangat makant Dangat rman SEAC-I)	

41.Source o	of Fuel		Not a	Not applicable						
42.Mode of	Transportat	tion of fuel to	site Not a	applicable						
				4010						
		Total RG a No of trees		4919						
		•		0						
43.Gree		Number of be planted		2800						
Develop	ment	List of pro native tree		Neem,Baml	000 ,PEEPAL	tree				
		Timeline for completion plantation	n of	5 Years	5 Years					
	44.Nu	mber and	l list of t	rees spe	cies to b	e plante	d in the ground			
Serial Number	Name of	the plant	Commo	on Name	Qua	ntity	Characteristics & ecological importance			
1	NE	EM	NE	NEEM		00	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE			
2	Pee	epal	Pee	epal	500		HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE			
3	Ban	nboo	Ban	nboo	500		HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE			
4	Ka	ranj	Kai	Karanj		00	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE			
45	.Total qua	ntity of plan	its on grou	nd	-					
46.Num	nber and	list of sl	irubs an	d bushes	s species	to be pla	anted in the podium RG:			
Serial Number		Name		C/C Dista	nce		Area m2			
1	Not	applicable	V.	Not applic	able		Not applicable			
				47.EI	nergy					
	Si									



		Source of p supply :	oower	MSEDCL				
		During Construction Phase: (Demand Load)		5 HP				
		DG set as I back-up du constructio	ıring	Not applica	ble			
Pov	MOT:	During Op phase (Cor load):		Not applica	ble			
require		During Ope phase (Der load):		5HP				
		Transform	er:	Not applica	ble			
		DG set as I back-up du operation j	ıring	Not applica	ble			20
		Fuel used:		Not applica	ble			
		Details of l tension lin through th any:	e passing	Not applica	ble		~	
		Ţ	rav savi	ng by no	n-cor	vention	al m	ethod.
Dowon io no	mined for li							
Power is rec	Junea for h	ghting purpos	-	-				-
		49	9.Detail	calculati	ons a	x % of sa	aving	J:
Serial Number		Energy Conse						Saving %
1	LED LI	GHTS WILL	BE USED FO	OR LIGHTIN	G			50
		50.	Details	of pollut	ion c	ontrol S	yster	ns
Sour	ce	Existi	ng pollution	on control syst	em		F	Proposed to be installed
DUST HAU			Not app	cable WATER TANKER			WATER TANKER	
DUST HAU DURING I OPERAT	MINING	7	Not app	licable		SPRINKLERS		
VEHIC	CLES	C	Not app	icable WITH VALID PUC			WITH VALID PUC	
DUST DI MINI ,TRANSPORT	NG		Not app	licable GREEN BELT DEVELOPMENT				
Budgetary		Capital cos	st:	50000				
(Capital O&M	cost and cost):	O & M cost	t:	5000				
		onment	al Mar	nageme	ent p	lan Bı	ıdge	etary Allocation
		a) (Construe	ction pha	nse (v	vith Brea	ak-uj	p):
Serial Number	Attri	butes		meter	,			er annum (Rs. In Lacs)
				plicable			N	ot applicable
		b) Operat	ion Phas	e (wi	th Breal	k-up)):
Serial Number	Comp	oonent	-	iption	,	tal cost Rs Lacs		Operational and Maintenance cost (Rs. in Lacs/yr)
Abhay Pimp SEAC-I)	o: 166 Meeti 2019	ng Date	e: May 27,	Page of	signature: Name: Dr. Umakant Gangetree Dangat Dr. Umakant Dangat (Chairman SEAC-I)			

			MAINTEN	IANCE)F				
1	Particu	late Matter	MAINTENANCE O ROAD			3.0		0.50	
2	Particu	late Matter	GREEN DEVELC	N BELT)PMENT	1	0.40		0.25	I.
3	Particu	late Matter	TRAI MANAG			0		1.20	
4	Particu	late Matter	DU SUPPER		1	0		2.40	
5	Particu	late Matter	HOUSEK ACTIV		3	0.20		0.85	
6	Particu	late Matter	MOINTO ENV PAR			0		1.00	I
7	SA	FETY	FEN	CING		3.0		0.15	
8	SA	FETY	SIGN	AGES		0		0.15	
9	(OHS	SAFETY EC	QUIPME	NT	0.25		1.612	0
10	(OHS	SIX MONTHLY HEALTH CHECKUF			0		0.30	
11	(OHS		FACILITY OF TOILETS, FIRST AI		1.95		0.50	
12	12 FMCP PREPAREDNESS			FMCP FUND ALLOCATION		0		1.0	
51.S	torag	e of cho	emicals		amabl stance		osive/ha	zardou	s/toxic
Descri	ption	Status	Location	Location		Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not app	Not applicable Not applicable		Not applica	able	0	0	0	Not applicable	Not applicable
			52.A	ny Ot	her Info	rmation	1		
No Informa	tion Availa	ble							
		C !	53.	Traffi	c Manag	jement			
	Nos. of the junction to the main road & design of confluence:								



		ber and area of ment:	0					
	Num podia	ber and area of a:	0					
	Total Parking area:		0					
	Area	per car:	0					
	Area	per car:	0					
Parking details:	Whee appro comp	ber of 2- elers as oved by petent ority:	0					
	Whee appro	ber of 4- elers as oved by petent ority:	0					
	Publi	ic Transport:	0					
		h of all Internal s (m):	6					
		RRZ clearance in, if any:	Not applicable					
	Prote Critic areas areas	nce from ected Areas / cally Polluted s / Eco-sensitive s/ inter-State daries	65 KM	000				
	schee	gory as per dule of EIA fication sheet	1a B2	P				
	Cour if any	t cases pending y	No					
		r Relevant mations	Environmental o 2013	learance Ref-	SEAC-2013/	CR-117/TC-3 dated 26th June		
	subm Appli	e you previously nitted ication online IOEF Website.	No					
		of online nission	-					
SEAC	DIS	CUSSION	ON ENVI	RONME	ENTAL	ASPECTS		
Environmental Impacts of the project	Not A	applicable						
Water Budget	Not A	pplicable						
Waste Water Treatment	Not A	applicable						
Drainage pattern of the project	Not A	applicable						
Ground water parameters	Not Applicable							
Solid Waste Management	Not Applicable							
Abhay Pimparkar (Secre SEAC-I)		SEAC Meeting N	o: 166 Meeting D 2019	ate: May 27,	Page 121 of 190	Signature: Name: Dr. Umakant Gangetreo Dangat Dr. Umakant Dangat (Chairman SEAC-I)		

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

PP submitted their application for revalidation of their earlier Environmental Clearance No. 2013/CR-117/TC-3 dated 26.06.2013.

DECISION OF SEAC

As the earlier Environmental Clearance is valid, the Authority for revalidation is with the SEIAA as per para 9 (Validity of Environmental Clearance) of the EIA Notification, 2006.

Hence, SEAC decided to submit proposal to the SEIAA.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.



SEAC Meeting number: 166 Meeting Date May 27, 2019

Subject: Environment Clearance for SEIAA PROPOSAL FOR REVALIDATION OF PRIOR ENVIRONMENTAL CLEARANCE VIDE LETTER 2013/CR117/TC-3 DATED 02.04.2013 AND CHANGE OF NAME VIDE DEIAA LETTER DEIAA2017/Amravati/EC/1108/2017 DATED 30.10.2017 FOR MINE OF M/s Vallabhashraya Stone Crusher, OVER GUT NO 21,22,23/1 & 24/1,AREA 4.71 Ha FOR 12117 BRASS At MAUZA Nabipur TQ Morshi ,DIST Amaravati ,GPS-N21°13'04.77? E77°50'41.90?

Is a Violation Case: No

1.Name of Project	SEIAA PROPOSAL FOR REVALIDATION OF PRIOR ENVIRONMENTAL CLEARANCE VIDE LETTER 2013/CR117/TC-3 DATED 02.04.2013 AND CHANGE OF NAME VIDE DEIAA LETTER DEIAA2017/Amravati/EC/1108/2017 DATED 30.10.2017 FOR MINE OF M/s Vallabhashraya				
	Stone Crusher , OVER GUT NO 21,22,23/1 & 24/1,AREA 4.71 Ha FOR 12117 BRASS At MAUZA Nabipur TQ Morshi ,DIST Amaravati				
2.Type of institution	Private				
3.Name of Project Proponent	M/s Vallabhashraya Stone Crusher				
4.Name of Consultant	ENVIRO TECHNO CONSULT PVT LTD. ,NAGPUR				
5.Type of project	Not applicable				
6.New project/expansion in existing project/modernization/diversification in existing project	Existing				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No				
8.Location of the project	Gut No.21,22,23/1 & 24/1,				
9.Taluka	Morshi				
10.Village	Nabipur				
Correspondence Name:	M/s Vallabhashraya Stone Crusher				
Room Number:	Gut No.21,22,23/1 & 24/1,				
Floor:	Gut No.21,22,23/1 & 24/1,				
Building Name:	Gut No.21,22,23/1 & 24/1,				
Road/Street Name:	Gut No.21,22,23/1 & 24/1,				
Locality:	Nabipur				
City:	Nabipur				
11.Whether in Corporation / Municipal / other area	Grampanchayat				
12 IOD/IOA/Concession/Disp	Mining Plan				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: STC/446/2016-17/17 dated 08/01/2018				
	Approved Built-up Area: 47100				
13.Note on the initiated work (If applicable)	MINE IS RUNNING WITH VALID CLEARANCE				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI ISSUED BY DISTRICT COLLECTOR AMARAVATI				
15.Total Plot Area (sq. m.)	47100				
16.Deductions	Not applicable				
17.Net Plot area	Not applicable				
10 (a) Bronored Brilt and Area (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.): 47100				
10 (b) Approved Duilt	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: 08-01-2018				
19.Total ground coverage (m2)	Not applicable				



20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)			Not applicable							
21.Estimate	d cost of the	project	ect 8800000							
	2	2.Num	ber of l	per of buildings & its configuration						
Serial number	Buildin	ng Name & r	number	Nu	mber of floors	Height of the building (Mtrs)				
1	Ν	Not applicabl	e	Ν	lot applicable	Not applicable				
23.Number tenants an		Not applica	ble							
24.Number expected re users		Not applica	Not applicable							
25.Tenant per hectar		Not applica	ble			60				
26.Height building(s)										
27.Right of (Width of t from the n station to t proposed h	he road earest fire the	12				500				
28.Turning for easy ac fire tender movement around the excluding t for the plat	cess of from all building the width	6 M			×.0000					
29.Existing structure (Not applicable								
30.Details of the demolition with disposal (If applicable)		Not applicable								
			31.P	roduct	ion Details					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)				
1		rum (Minor eral)	97043 TP Brass p	-	97043 TPA / 12117 Brass per year	97043 TPA / 12117 Brass per year				
	32.Total Water Requirement									



Fresh water (CMD): 2 Recycled water - Flushing (CMD): Not applicable Recycled water - Gardening (CMD): Not applicable Swimming pool make up (Cum): Not applicable Total Water Requirement (CMD): 2 Fire fighting - Underground water tank(CMD): Not applicable							
Flushing (CMD): Not applicable Recycled water - Gardening (CMD): Not applicable Swimming pool make up (Cum): Not applicable Total Water Requirement (CMD): 2 Fire fighting - Underground water tank(CMD): Not applicable							
Gardening (CMD): Not applicable Swimming pool make up (Cum): Not applicable Dry season: Total Water Requirement (CMD) : 2 Fire fighting - Underground water tank(CMD): Not applicable							
make up (Cum): Not applicable Dry season: Total Water Requirement (CMD) : 2 Fire fighting - Underground water tank(CMD): Not applicable							
Requirement (CMD) 2 : Fire fighting - Underground water Not applicable tank(CMD): Image: Complexity of the second sec							
Underground water tank(CMD): Not applicable							
Eine Calific a)						
Fire fighting - Overhead water tank(CMD): Not applicable							
Excess treated water Not applicable							
Source of water Not applicable							
Fresh water (CMD): Not applicable							
Recycled water - Flushing (CMD): Not applicable	Not applicable						
Recycled water - Gardening (CMD): Not applicable							
Swimming pool make up (Cum): Not applicable							
Wet season: Total Water Requirement (CMD) Not applicable : .	Not applicable						
Fire fighting - Underground water tank(CMD):	Not applicable						
Fire fighting - Overhead water Image: Not applicable Not applicable	Not applicable						
Excess treated water Not applicable	Not applicable						
Details of Swimming pool (If any) Not applicable							
33.Details of Total water consumed							
Particula rsConsumption (CMD)Loss (CMD)Effluent (Ch	1D)						
Water Require mentExistingProposedTotalExistingProposedTotalExistingProposed	ed Total						
Domestic 0 0.740 0.740 0.740 0.740 0 0	0						
Gardening 0 1.26 0 1.26 0 0	0						



	Level of the Ground water table:	25 m				
	Size and no of RWH tank(s) and Quantity:	Not Applicable				
	Location of the RWH tank(s):	Not Applicable				
34.Rain Water Harvesting	Quantity of recharge pits:	1				
(RWH)	Size of recharge pits :	Mine pit will act as recharge pit				
	Budgetary allocation (Capital cost) :	Not applicable				
	Budgetary allocation (O & M cost) :	Not Applicable				
	Details of UGT tanks if any :	Not Applicable				
35.Storm water	Natural water drainage pattern:	Storm water drain of 1m width x 1m depth x along peripheral length is proposed along peripheral area within safety barrier as per natural drain slopes				
drainage	Quantity of storm water:	53640				
	Size of SWD:	1m x1m along the peripheral length				
	Sewage generation in KLD:	0.40				
	STP technology:	Biotoilet proposed adjacent to ML area				
Sewage and	Capacity of STP (CMD):	0.40				
Waste water	Location & area of the STP:	Biotoilet proposed adjacent to ML area				
	Budgetary allocation (Capital cost):	195000				
	Budgetary allocation (O & M cost):	50000				
	36.Solie	d waste Management				
Waste generation in	Waste generation:	Not Applicable				
the Pre Construction and Construction phase:	-	Not Applicable				
	Dry waste:	Being Minor Mineral all the mined out material is saleable/usable. Top Soil layer is very thin and negligible and will be utilized for peripheral plantation proposed within safetyb barrier				
	Wet waste:	Not Applicable				
Waste generation	Hazardous waste:	Not Applicable				
in the operation Phase:	Biomedical waste (If applicable):	Not Applicable				
	STP Sludge (Dry sludge):	Not Applicable				
	Others if any:	Not Applicable				
1 - Ano Aress		Signature:				

agenomises			Name: Dr. Umakant Gaupatrao Dangat
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		Dry waste:		Soil layer is	s very t	thin ar		and w	vill be	s saleable/usable. Top utilized for peripheral	
		Wet waste:		Not Applica	Not Applicable						
Mode of I	Disposal	Hazardous	waste:	Not applica	ble						
of waste:	1	Biomedica applicable		^f Not applica	ble						
STP Sluc sludge):		STP Sludg sludge):	e (Dry	Not applica	ble						
		Others if a	ny:	Not applicable							
		Location(s):	Not Applicable, being all material is saleable/usable and stock temporary in natutre within lease hold area					ble and stock will be		
Area requirem	ent:	Area for th of waste & material:					ll material is ithin lease ho			ble and stock will be	
		Area for machinery:					ll material is ithin lease ho			ble and stock will be	
Budgetary		Capital cos	st:	Not applica	ble					•	
(Capital co O&M cost)		O & M cos	t:	Not applica	ble		0				
		I	37.E	ffluent C	hare	cter	estics				
Serial Number	Parameters Ur				Inlet Effluent Charecterestics Charecterestics				Effluent discharge standards (MPCB)		
1	Not ap	plicable	0	Not ap	Not applicable Not applicable Not applicable						
Amount of e (CMD):	effluent gene	eration	Not applie	cable			•				
Capacity of	the ETP:		Not Appli	icable							
Amount of t recycled :	reated efflue	ent	Not Appli	icable							
Amount of v	vater send to	o the CETP:	Not applie	able	able						
Membershij	p of CETP (if	f require):	No	· · · ·							
Note on ET	P technology	v to be used	Not applie	able							
Disposal of	the ETP sluc	lge	Not applie	able							
			38.H	azardous	Was	ste D	etails				
Serial Number	Descr	iption	Cat	UOM	Exis	ting	Proposed	Total		Method of Disposal	
1	Not apj	plicable	Not applicable	, 0	()	0	(0	Not applicable	
	GY		39.5	Stacks em	issio	n D	etails				
Serial Number	Section & units		Fuel Used with Quantity		Stack No.		Height from ground level (m)	dian	ernal neter n)	Temp. of Exhaust Gases	
1	Not apj	plicable		0	()	Not N		ot cable	Not applicable	
			40.D	etails of F	uel	to b	e used				
Serial Number	Тур	e of Fuel		Existing			Proposed			Total	
1	Not	applicable		Not applicabl	e	Ν	Not applicabl	e		Not applicable	
	· · · · · · · · · · · · · · · · · · ·										

A-000 Otheres			Signature:
CE69			Name: Dr. Umakant Gångatrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 127	Dr. Umakant Dangat
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41.Source o	of Fuel		Not a	Not applicable					
42.Mode of	Transportat	tion of fuel to	site Not a	applicable					
		1							
		Total RG a		6713					
		No of trees	s to be cut	0					
43.Green Belt		Number of be planted		2780					
Develop	ment	List of pro native tree		Neem,Baml	000 ,PEEPAL	tree			
		Timeline for completion of plantation :		5 Years					
	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	on Name	Quai	ntity	Characteristics & ecological importance		
1	NE	EEM NH		EM	1280		HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE		
2	Pee	Peepal		epal	500		HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE		
3	Ban	Bamboo		nboo 50		00	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE		
4	Ka	ranj	Ka	Karanj		00	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE		
45	.Total qua	ntity of plan	nts on grou	nd					
46.Num	nber and	list of sl	nrubs an	d bushes	s species	to be pla	anted in the podium RG:		
Serial Number		Name		C/C Dista	nce		Area m2		
1	Not	applicable		Not applic	able		Not applicable		
				47.EI	nergy				
	S								



		Source of por supply :	wer	MSEDCL	MSEDCL			
		During Const Phase: (Demi Load)		5 HP				
		DG set as Power back-up during construction phase		Not applicable				
Pow	10 Y		During Operation phase (Connected load):					
require	-	During Opera phase (Dema load):		5 HP				
		Transformer	•	Not applicable				
		DG set as Por back-up duri operation ph	ng	Not applicable				
		Fuel used:		Not applicable				
		Details of hig tension line p through the p any:	passing	Not applicable	000			
48.Energy saving by non-conventional method:								
Power is requ	uired for lig	ghting purpose	only. All l	ights will be LE	D lights only of suitable wattage			
		49.	Detail	calculation	ns & % of saving:			
Serial Number	Hnormy Concorrigition M/C			easures	Saving %			
1	LED LI	GHTS WILL BE	USED FO	OR LIGHTING	64			
		50. D	etails	of pollution	n control Systems			
Source	Existing pollution contr			rol system	Proposed to be installed			
DUST HAUL ROAD		Not	applicable	9	WATER TANKER			
DUST HAUL ROAD, DURING MINING OPERATIONS	o, IG IG			•	SPRINKLERS			
VEHICLES Not applicable			applicable	WITH VALID PUC				
DUST DURING MINING ,TRANSPORT, LOADING			applicable	9	GREEN BELT DEVELOPMENT			
Budgetary allocation		Capital cost:		64000				
(Capital cost and O&M cost): 0 & M cost:		5000						
51.	51.Environmental Management plan Budgetary Allocation							
		a) Co	onstrue	ction phase	e (with Break-up):			
Serial Number	Attri	butes	Para	meter	Total Cost per annum (Rs. In Lacs)			

age of the set		Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	 Dr. Umakant Dangat
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1	Not a	pplicable	Not app	licable			Ν	lot applic	able	
		b) Operati	on Ph	ase (wi	th Breal	k-up):		
Serial Number	Component		Descri	Description		Capital cost Rs. In Lacs		Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Particu	late Matter	MAINTENA ROA		F	2.0			0.50	
2	Particu	late Matter	GREEN DEVELOI			0.39			0.25	
3	Particu	late Matter	TRAF MANAGE			0			0.50	
4	Particu	late Matter	DUS SUPPERE			0			2.10	
5	Particu	late Matter	HOUSEKI ACTIVI			0.20			0.85	5
6	Particu	late Matter	MOINTOF ENV PARA			0			1.0	
7	SA	AFETY	FENC	ING		1.50			0.15	
8	SA	AFETY	SIGNAGES			0		\sim	0.15	
9		OHS	SAFETY EQ	UIPMEN	JT	0.25			1.3120	
10	OHS		SIX MONTHLY HEALTH CHECKUP		Р	0		0.30		
11		OHS	FACILITY OF TOILETS, FIRST AI		D	1.95		0.50		
12		MCP AREDNESS	FMCP H Alloca			0			1.0	
51.S	torag	e of che	emicals		amabl stance	es)	osiv	/e/haz	zardou	s/toxic
Descrij	ption	Status	Location		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	/ M	umption onth in MT	Source of Supply	Means of transportation
Not app	Not applicable Not applicable		Not applicat	ole	0	0 0		0	Not applicable	Not applicable
			52.Ar	ny Oth	ner Info	rmation	l			
No Informa	tion Availa	ble								
	5		53.1	raffic	: Manao	gement				
		Nos. of th to the mai design of confluence	e junction in road &	0						



	Number and area of basement:	0
	Number and area of podia:	0
	Total Parking area:	0
	Area per car:	0
	Area per car:	0
Parking details:	Number of 2- Wheelers as approved by competent authority:	0
	Number of 4- Wheelers as approved by competent authority:	0
	Public Transport:	0
	Width of all Internal roads (m):	6
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	65
	Category as per schedule of EIA Notification sheet	1a B2
	Court cases pending if any	No
	Other Relevant Informations	 Environmental clearance Ref- SEAC-2013/CR-117/TC-3 dated 2nd April 2013 DEIAA Ref - DEIAA2017/Amaravati/EC/408/2017 dated 30/10/2017
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
	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	

age of the state		Signature: Name: Dr. Umakant Gangat
Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 166 Meeting Date: May 27, 2019	 Dr. Umakant Dangat (Chairman SEAC-I)

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

PP submitted their application for revalidation of their earlier Environmental Clearance No. 2013/CR-117/TC-3 dated 26.06.2013.

DECISION OF SEAC

As the earlier Environmental Clearance is valid, the Authority for revalidation is with the SEIAA as per para 9 (Validity of Environmental Clearance) of the EIA Notification, 2006.

Hence, SEAC decided to submit proposal to the SEIAA.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.



SEAC Meeting number: 166 Meeting Date May 27, 2019

Subject: Environment Clearance for Environment Clearance for SEIAA PROPOSAL FOR REVALIDATION OF PRIOR ENVIRONMENTAL CLEARANCE VIDE LETTER 2013/CR117/TC-3 DATED 26.06.2013 AND CHANGE OF NAME ORDER VIDE DEIAA2017/Amaravati/EC/595/2017 dated 27.04.2017 FOR MINE OF M/S Geeta Stone Industries Through Partner Mr. Ankit A. Kedia, Mr. Vinit A. KediaOVER GUT NO 45 Part AREA 2..97 Ha FOR 22396 BRASS At MAUZA Parsoda TQ Amaravati DIST Amaravati ,GPS-20°57'32.9

Is a Violation Case: No

1.Name of Project	Environment Clearance for SEIAA PROPOSAL FOR REVALIDATION OF PRIOR ENVIRONMENTAL CLEARANCE VIDE LETTER 2013/CR117/TC-3 DATED 26.06.2013 AND CHANGE OF NAME ORDER VIDE DEIAA2017/Amaravati/EC/595/2017 dated 27.04.2017 FOR MINE OF M/S Geeta Stone Industries Through Partner Mr. Ankit A. Kedia, Mr. Vinit A. KediaOVER GUT NO 45 Part AREA 297 Ha FOR 22396 BRASS At MAUZA Parsoda TQ Amaravati DIST Amaravati
2.Type of institution	Private
3.Name of Project Proponent	M/S Geeta Stone Industries ,Through Partner Mr. Ankit A. Kedia, Mr. Vinit A. Kedia
4.Name of Consultant	ENVIRO TECHNO CONSULT PVT LTD. ,NAGPUR
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	Existing
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No
8.Location of the project	GUT NO 45 Part
9.Taluka	Amaravati
10.Village	Parsoda
Correspondence Name:	M/S Geeta Stone Industries
Room Number:	GUT NO 45 Part
Floor:	GUT NO 45 Part
Building Name:	GUT NO 45 Part
Road/Street Name:	GUT NO 45 Part
Locality:	Parsoda
City:	Parsoda
11.Whether in Corporation / Municipal / other area	Grampanchayat
	Mining Plan
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: BON/MINING/MMP/215/2019/442 dated 3.4.2019
	Approved Built-up Area: 29700
13.Note on the initiated work (If applicable)	MINE IS RUNNING WITH VALID CLEARANCE
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI ISSUED BY DISTRICT COLLECTOR AMARAVATI
15.Total Plot Area (sq. m.)	29700
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.): 29700
10 (h) American d D (h)	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: 03-04-2019

19.Total ground coverage (m2)			Not applicabl	le				
20.Ground-c (Note: Perce to sky)			Not applicabl	Not applicable				
21.Estimated	d cost of the	project	4000000					
	2	2.Num	ber of l	buildin	gs & its config	guration		
Serial number	Buildin	g Name & 1	Name & number Number of floors Height of the building (Mt)					
1	Ν	Not applicabl	e	N	lot applicable	Not applicable		
23.Number tenants an		Not applica	ble					
24.Number expected re users		Not applica	ble					
25.Tenant per hectar		Not applica	ble			00		
26.Height building(s)								
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)								
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		6 M			,00°			
29.Existing structure (s) if any Not appl		Not applica	Not applicable					
30.Details of the demolition with disposal (If applicable)Not applic		Not applica	ble					
			31.P	roduct	ion Details			
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)		
1	Stone, Mur Min	rum (Minor eral)	179367 TH Brass P	PA / 22396 Per Year	179367 TPA / 22396 Brass Per Year	179367 TPA / 22396 Brass Per Year		
32.Total Water Requirement								



		Source of wa	ter	Water Tanke	er					
		Fresh water	(CMD):	2						
		Recycled wat Flushing (CM		Not applicat	ole					
		Recycled wat Gardening (C		Not applicable						
		Swimming po make up (Cu		Not applicat	ole					
Dry season:		Total Water Requirement :	: (CMD)	2						
		Fire fighting Underground tank(CMD):		Not applicat	ble					
		Fire fighting Overhead wa tank(CMD):		Not applicat	ble			0		
		Excess treate	ed water	Not applicab	ole					
Source of water			Not applicab	ole						
		Fresh water	(CMD):	Not applicab	ole					
		Recycled water - Flushing (CMD):		Not applicable						
		Recycled wat Gardening (C		Not applicable						
		Swimming po make up (Cu		Not applicable						
Wet season:	:	Total Water Requirement :	: (CMD)	Not applicat	ble					
		Fire fighting Underground tank(CMD):		Not applicable						
		Fire fighting Overhead wa tank(CMD):	ter	Not applicable						
		Excess treate	ed water	Not applicable						
Details of Swimming pool (If any)Not applicable										
		33	.Detail	s of Total	l water co	nsume	d			
Particula rs	Cons	umption (CM	D)	Loss (CMD) Effluent (CMD)						
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	0	0.80	0.80	0	0.80	0.80	0	0	0	
Gardening	0	1.20	1.20	0	1.20	1.20	0	0	0	
						•				



	Level of the Ground water table:	19 m					
	Size and no of RWH tank(s) and Quantity:	Not Applicable					
	Location of the RWH tank(s):	Not Applicable					
34.Rain Water Harvesting	Quantity of recharge pits:	1					
(RWH)	Size of recharge pits :	Mine pit will act as recharge pit					
	Budgetary allocation (Capital cost) :	Not Applicable					
	Budgetary allocation (O & M cost) :	Not Applicable					
	Details of UGT tanks if any :	Not Applicable					
35.Storm water	Natural water drainage pattern:	Storm water drain of 1m width x 1m depth x along peripheral length is proposed along peripheral area within safety barrier as per natural drain slopes					
drainage	Quantity of storm water:	35640					
	Size of SWD:	1m x1m along the peripheral length					
	L						
	Sewage generation in KLD:	0.40					
	STP technology:	Biotoilet proposed adjacent to ML area					
Sewage and	Capacity of STP (CMD):	0.40					
Waste water	Location & area of the STP:	Biotoilet proposed adjacent to ML area					
	Budgetary allocation (Capital cost):	1 195000					
	Budgetary allocation (O & M cost):	1 50000					
	36.Soli	d waste Management					
Waste generation in	Waste generation:	Not Applicable					
the Pre Construction and Construction phase: Disposal of the construction waste debris:		Not Applicable					
	Dry waste:	Being Minor Mineral all the mined out material is saleable/usable. Top Soil layer is very thin and negligible and will be utilized for peripheral plantation proposed within safetyb barrier					
Waste generation in the operation Phase:	Wet waste:	Not Applicable					
	Hazardous waste:	Not Applicable					
	Biomedical waste (If applicable):	Not Applicable					
	STP Sludge (Dry sludge):	Not Applicable					
	Others if any:	Not Applicable					
	,						
2-00 theres		Signature:					

agenomises			Name: Dr. Umakant Gaupatrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 136	Dr. Umakant Dangat
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		Dry waste:		Soil layer is	eing Minor Mineral all the mined out material is saleable/usable. Top il layer is very thin and negligible and will be utilized for peripheral antation proposed within safetyb barrier						
Mode of Disposal		Wet waste:		Not Applicable							
		Hazardous	waste:	Not applica	ble						
of waste:	1	Biomedica applicable		Not applica	ble						
		STP Sludg sludge):	e (Dry	Not applica	ble						
		Others if a	ny:	Not applica	ble						
		Location(s):				ll material is thin lease ho			ble and stock will be	
Area requirem	ent:	Area for th of waste & material:					ll material is thin lease ho			ble and stock will be	
		Area for m	achinery:				ll material is thin lease ho			ble and stock will be	
Budgetary		Capital cos	st:	Not applica	ble					*	
(Capital co O&M cost)		O & M cos	t:	Not applica	ble		0				
			37.E	ffluent C	hare	cter	estics	3			
Serial Number	Paramotors Init				Inlet Effluent Outlet Effluent Effluen				Effluent discharge standards (MPCB)		
1	Not ap	plicable	0	Not applicable Not applicable Not applicable							
Amount of effluent generation (CMD):				Not applicable							
Capacity of	the ETP:		Not applicable								
Amount of t recycled :	reated efflue	ent	Not applicable								
Amount of v	vater send to	o the CETP:	Not applic	Not applicable							
Membershij	o of CETP (if	f require):	No								
Note on ET	P technology	v to be used	Not applic	able							
Disposal of	the ETP sluc	lge	Not applic	able							
			38.H	azardous	Was	ste D	etails				
Serial Number	Descr	iption	Cat	UOM	1 Existin		Proposed	Total		Method of Disposal	
1	Not apj	plicable	Not applicable	0	()	0		0	Not applicable	
	GY		39.S	tacks em	issio	n D	etails				
Serial Number	Soction At limits			sed with antity	Stact		Height from ground level (m)	dian	ernal neter n)	Temp. of Exhaust Gases	
1	Not apj	Not applicable			0 0		Not		ot cable	Not applicable	
			40.D	etails of F	uel	to be	e used				
Serial Number	Typ	e of Fuel		Existing			Proposed			Total	
1	Not	applicable		Not applicabl	е	Ν	lot applicabl	.e		Not applicable	

1-000 otherses			Signature:
C466			Name: Dr. Umakant Gångetreo Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 137	Dr. Umakant Dangat
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41.Source o	f Fuel		Not	Not applicable						
42.Mode of Transportation of fuel to site Not applicable										
		Total RG a No of trees		4915						
		:	s to be cut	0						
43.Gree		Number of be planted		2620						
Develop	ment	List of pro native tree		Neem,Bam	boo ,PEEPAL	tree				
		Timeline for completion plantation	ı of	5 Years	5 Years					
	44.Nu	mber and	l list of	trees spe	cies to b	e plante	d in the ground			
Serial Number	Name of	the plant	Commo	on Name	Quai	ntity	Characteristics & ecological importance			
1	NE	EM	NI	EEM	11	20	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE			
2	Pee	Peepal Pe		epal	500		HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE			
3	Ban	npoo	Baı	nboo	50	00	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE			
4	Karanj Ka			ranj 500			HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE			
45	.Total qua	ntity of plan	its on grou	ind						
46.Num	ber and	list of sl	irubs ar	nd bushes	s species	to be pla	anted in the podium RG:			
Serial Number		Name		C/C Dista	nce		Area m2			
1	Not	applicable	V.	Not applicable Not applicable						
				47.E	nergy					
	Si									



		Source of j supply :	power	MSEDCL						
			During Construction Phase: (Demand Load)		5 HP					
		back-up du	DG set as Power back-up during construction phase		ble					
Pov	vor	During Op phase (Con load):		Not applica	ble					
require		During Op phase (Der load):		5 Hp						
		Transform	er:	Not applica	ble					
		DG set as back-up du	ıring	Not applica	ble				20	
		Fuel used:		Not applica	ble					
		Details of I tension lin through th any:	e passing	Not applica		~				
		48.Ene	rgy savi	ng by no	n-cor	vention	al m	etho	od:	
Power is rea	mired for li	ighting purpo	00	0 0						
1000115100	1411-04 101 1		-	-					uyu	
		4	a.Detall	calculati	ons c	x 70 UI Sa	aving	y:		
Serial Number	1	Energy Cons	ervation M	easures Saving %						
1	LED L	IGHTS WILL	BE USED FO	DR LIGHTING 50						
		50	.Details	of pollut	ion c	ontrol S	ystei	ms		
Sour	ce	Existi	ng pollution	control syst	em		1	Propos	sed to be installed	
DUST HAU	L ROAD		Not appl	icable WATER TANKER			ATER TANKER			
DUST HAU DURING M OPERAT	4INING	7	Not appl	icable SPRINKLERS			SPRINKLERS			
VEHIC	LES	C	Not appl	icable	icable WITH VALID PUC				TH VALID PUC	
DUST DU DURING M TRANSPORT	4INING		Not appl	icable GREEN BELT DEVELOPMENT				BELT DEVELOPMENT		
Budgetary		Capital cos	st:	50000						
(Capital O&M	cost and cost):	O & M cos	t:	5000						
51	51.Environmental Management plan Budgetary Allocation									
a) Construction phase (with Break-up):										
Serial Number	Attributos Para			meter			Total Cost per annum (Rs. In Lacs)			
1 Not applicable Not app			plicable			Ν	lot app	plicable		
b) Operation Phase (with Break-up):										
Serial Number	iption	-	tal cost Rs Lacs		-	erational and Maintenance cost (Rs. in Lacs/yr)				
Abhay Pimp SEAC-I)	o: 166 Meeti 2019	ng Date	: May 27,	· ·	e 139 f 190	Signature: Name: Dr. Umakant Gangareo Dangat Dr. Umakant Dangat (Chairman SEAC-I)				

1	1 Particulate Matter MAINTENANCE OF ROAD					8.0 0.50			1		
2	Particu	late Matter		GREEN BELT DEVELOPMENT			0.37200		0.25		
3	Particu	late Matter	TRAI MANAG			0.45		2.50			
4	Particu	late Matter		DUST SUPPERESSION			0		2.40	I	
5	Particu	late Matter	HOUSEK ACTIV		3		0.20		0.85		
6	Particu	late Matter	MOINTO ENV PAR				0		1.0		
7	SA	FETY	FEN	CING			3.0		0.15		
8	SA	FETY	SIGN	AGES			0		0.15		
9	(OHS	SAFETY EC	QUIPME	NT		0.25		1.312	0	
10	(OHS		SIX MONTHLY 0 HEALTH CHECKUP				C	0.30		
11	(OHS	-	FACILITY OF TOILETS, FIRST AID					0.50		
12		MCP REDNESS		FMCP FUND ALLOCATION 0					1.00		
51.S	51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)										
Descri	ption	Status	Location	n	Storag Capaci in MT	ty	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation	
Not app	Not applicable Not applicable			0				Not applicable	Not applicable		
52.Any Other Information											
No Information Available											
	53.Traffic Management										
	Nos. of the junction to the main road & design of confluence:										



	Number and area of basement:	0
	Number and area of podia:	0
	Total Parking area:	0
	Area per car:	0
	Area per car:	0
Parking details:	Number of 2- Wheelers as approved by competent authority:	0
	Number of 4- Wheelers as approved by competent authority:	0
	Public Transport:	0
	Width of all Internal roads (m):	6
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	70 kM
	Category as per schedule of EIA Notification sheet	1a B2
	Court cases pending if any	No
	Other Relevant Informations	 Environmental clearance SEIAA Ref- SEAC-2013/CR-117/TC-3 dated 26th June 2013. DEIAA Ref,- DEIAA2017/Amaravati/EC/595 /2017 dated 27/04/2017
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
	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	

age of the state		Signature: Name: Dr. Umakant Gangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	 Dr. Umakant Dangat
SEAC-I)	2019	(Chairman SEAC-I)

Air Quality & Noise Level issuesNot ApplicableEnergy ManagementNot ApplicableTraffic circulation system and risk assessmentNot ApplicableI Landscape PlanNot ApplicableDisaster management system and risk assessmentNot ApplicableSocioeconomic impact assessmentNot ApplicableEnvironmental Management PlanNot ApplicableInvironmental Management PlanNot ApplicableInvironmental Management PlanNot ApplicableInvironmental management PlanNot ApplicableInvironmental Management PlanNot Applicable	Solid Waste Management	Not Applicable
Traffic circulation system and risk assessmentNot ApplicableLandscape PlanNot ApplicableDisaster management system 	Air Quality & Noise	Not Applicable
system and risk assessmentNot ApplicableLandscape PlanNot ApplicableDisaster management system and risk assessmentNot ApplicableSocioeconomic impact assessmentNot ApplicableSocioeconomic impact assessmentNot ApplicableNot ApplicableNot ApplicableEnvironmental Management PlanNot ApplicableNot ApplicableNot ApplicableAny other issues related to environmentalNot Applicable	Energy Management	Not Applicable
Disaster management system and risk assessmentNot ApplicableSocioeconomic impact assessmentNot ApplicableSocioeconomic impact assessmentNot ApplicableEnvironmental Management PlanNot ApplicableAny other issues related to environmentalNot ApplicableNot ApplicableNot Applicable	system and risk	Not Applicable
management system and risk assessmentNot ApplicableSocioeconomic impact assessmentNot ApplicableEnvironmental Management PlanNot ApplicableAny other issues related to environmentalNot Applicable	Landscape Plan	Not Applicable
impact assessment Not Applicable Environmental Management Plan Not Applicable Any other issues related to environmental Not Applicable	management system	Not Applicable
Management Plan Not Applicable Any other issues related to environmental Not Applicable		Not Applicable
related to environmental Not Applicable		Not Applicable
sustainability	related to	Not Applicable

PP submitted their application for revalidation of their earlier Environmental Clearance No. 2013/CR-117/TC-3 dated 26.06.2013.

DECISION OF SEAC

As the earlier Environmental Clearance is valid, the Authority for revalidation is with the SEIAA as per para 9 (Validity of Environmental Clearance of the EIA Notification, 2006.

Hence, SEAC decided to submit the proposal to the SEIAA.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.



SEAC Meeting number: 166 Meeting Date May 27, 2019

Subject: Environment Clearance for SEIAA PROPOSAL FOR REVALIDATION OF PRIOR ENVIRONMENTAL CLEARANCE VIDE LETTER 2013/CR117/TC-3 DATED 26.06.2013 FOR MINE OF Mr. Bhimandas L. Khatri OVER GUT NO 44 Part, AREA 1.60 Ha FOR 2528 BRASS At MAUZA Masod TQ Amaravati DIST Amaravati ,GPS-20°57' 26.40"N, 77°49' 26.40"E

Is a Violation Case: No	
1.Name of Project	SEIAA PROPOSAL FOR REVALIDATION OF PRIOR ENVIRONMENTAL CLEARANCE VIDE LETTER 2013/CR117/TC-3 DATED 26.06.2013 FOR MINE OF Mr. Bhimandas L. Khatri OVER GUT NO 44 Part, AREA 1.60 Ha FOR 2528 BRASS At MAUZA Masod TQ Amaravati DIST Amaravati ,
2.Type of institution	Private
3.Name of Project Proponent	Mr. Bhimandas L. Khatri
4.Name of Consultant	ENVIRO TECHNO CONSULT PVT LTD. ,NAGPUR
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	Existing
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No
8.Location of the project	Gut No.44 Part
9.Taluka	Amaravati
10.Village	Masod
Correspondence Name:	Mr. Bhimandas L. Khatri
Room Number:	Gut No.44 Part
Floor:	Gut No.44 Part
Building Name:	Gut No.44 Part
Road/Street Name:	Gut No.44 Part
Locality:	Masod
City:	Masod
11.Whether in Corporation / Municipal / other area	Grampanchayat
	MINING PLAN
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: BON/MINING/MMP/215/2014/1026 dated 02.08.2014
	Approved Built-up Area: 16000
13.Note on the initiated work (If applicable)	MINE IS RUNNING WITH VALID CLEARANCE
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI ISSUED BY DISTRICT COLLECTOR AMARAVATI
15.Total Plot Area (sq. m.)	16000
16.Deductions	Not applicable
17.Net Plot area	Not applicable
10 (a) Dropood Built and Area (TOL C	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.): 16000
10 (b) Approved Dertham	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: 02-08-2014
19.Total ground coverage (m2)	Not applicable



20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)			Not applicable						
21.Estimate	d cost of the	project	ct 350000						
22.Number of buildings & its configuration									
Serial number	Buildin	g Name & r	umber	Nu	mber of floors	Height of the building (Mtrs)			
1	Ν	Not applicabl	e	Ν	lot applicable	Not applicable			
23.Number tenants an		Not applica	ble						
24.Number expected re users		Not applica	ble						
25.Tenant per hectar	0	Not applica	ble			60			
26.Height building(s)									
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)		12				500			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		6 M			.0000				
29.Existing structure (Not applicable							
30.Details of the demolition with disposal (If applicable)		Not applicable							
	31.Production Details								
Serial Number			Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1 Stone, Murrun Minera			20000 T BRASS		20000 TPA ,2528 BRASS /YEAR	20000 TPA ,2528 BRASS /YEAR			
32.Total Water Requirement									


		Source of wa	ter	Water Tanke	er						
		Fresh water	(CMD):	: 2							
Recycled water - Flushing (CMD):				Not applicable							
		Recycled wat Gardening (C		Not applicat	ole						
		Swimming po make up (Cu		Not applicat	ole						
Dry season	1:	Total Water Requirement :	t (CMD)	2							
		Fire fighting Underground tank(CMD):		Not applicat	ble			8			
		Fire fighting Overhead wa tank(CMD):	- ter	Not applicat	ble			0			
		Excess treate	ed water	Not applicat	ole						
		Source of wa	ter	Not applicab	ole						
		Fresh water	(CMD):	Not applicab	ole						
		Recycled wat Flushing (CM		Not applicable							
		Recycled wat Gardening (C		Not applicat	ole						
	Swimming pool make up (Cum): Not applicable										
Wet seaso	a:	Total Water Requirement :	t (CMD)	Not applical	ble						
		Fire fighting Underground tank(CMD):	- 1 water	Not applicat	ble						
		Fire fighting Overhead wa tank(CMD):	ter	Not applicat	ble						
		Excess treate	ed water	Not applicab	ole						
Details of Swimming pool (If any) Not applicable											
		33	.Detail	s of Tota	l water co	nsume	d				
Particula rs	Cons	umption (CM	D)	I	Loss (CMD)		Eff	fluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	0	0.800	0.800	0	0.80	0.80	0	0	0		
Gardening	0	1.20	1.20	0	1.20	1.20	0	0	0		
Gardening	0	1.20									



	Level of the Ground water table:	19 m						
	Size and no of RWH tank(s) and Quantity:	Not Applicable						
	Location of the RWH tank(s):	Not Applicable						
34.Rain Water Harvesting	Quantity of recharge pits:	1						
(RWH)	Size of recharge pits :	Mine pit will act as recharge pit						
	Budgetary allocation (Capital cost) :	Not Applicable						
	Budgetary allocation (O & M cost) :	Not Applicable						
	Details of UGT tanks if any :	Not Applicable						
35.Storm water	Natural water drainage pattern:	Storm water drain of 1m width x 1m depth x along peripheral length is proposed along peripheral area within safety barrier as per natural drain slopes						
drainage	Quantity of storm water:	19200						
	Size of SWD:	1m x1m along the peripheral length						
	L							
	Sewage generation in KLD:	0.40						
	STP technology:	Biotoilet proposed adjacent to ML area						
Sowago and	Capacity of STP (CMD):	0.40						
Sewage and Waste water	Location & area of the STP:	Biotoilet proposed adjacent to ML area						
	Budgetary allocation (Capital cost):	n 195000						
	Budgetary allocation (O & M cost):	n 50000						
	36.Soli	d waste Management						
Waste generation in	Waste generation:	Not Applicable						
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Not Applicable						
	Dry waste:	Being Minor Mineral all the mined out material is saleable/usable. Top Soil layer is very thin and negligible and will be utilized for peripheral plantation proposed within safetyb barrier						
	Wet waste:	Not Applicable						
Waste generation	Hazardous waste:	Not Applicable						
in the operation Phase:	Biomedical waste (If applicable):	Not Applicable						
	STP Sludge (Dry sludge):	Not Applicable						
	Others if any:	Not Applicable						
2-00 theres		Signature:						

2 Protinger			Signature:
Clope -			Name: Dr. Umakant Gångetreo Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 146	Dr. Umakant Dangat
SEAC-I)	2019	of 190	(Chairman SEAC-I)

of waste: Area requiremen Budgetary all (Capital cost : O&M cost): Serial Number 1 Amount of efflu (CMD): Capacity of the		Wet waste Hazardous Biomedica applicable STP Sludg sludge): Others if a Location(s Area for th of waste &	s waste: l waste (If): e (Dry ny:	Not Applica Not applica Not applica Not applica Not applica	ıble ıble									
of waste: Area requiremen Budgetary all (Capital cost a O&M cost): Serial Number 1 Amount of efflu (CMD): Capacity of the Amount of trea recycled :		Biomedica applicable STP Sludg sludge): Others if a Location(s Area for th	l waste (If): e (Dry ny:	Not applica	ıble									
of waste: Area requirement Budgetary all (Capital cost is O&M cost): Serial Number 1 Amount of efflu (CMD): Capacity of the Amount of trea recycled :		applicable STP Sludg sludge): Others if a Location(s Area for th): e (Dry ny:	Not applica			Mode of Disposal Hazardous waste: Not applicable							
requiremen Budgetary all (Capital cost a O&M cost): Serial Number 1 Amount of efflu (CMD): Capacity of the Amount of trea recycled :	nt:	sludge): Others if a Location(s Area for th	ny:		hlo									
requiremen Budgetary all (Capital cost a O&M cost): Serial Number 1 Amount of efflu (CMD): Capacity of the Amount of trea recycled :	nt:	Location(s Area for th	-	Not applica	IDIE									
requiremen Budgetary all (Capital cost a O&M cost): Serial Number 1 Amount of efflu (CMD): Capacity of the Amount of trea recycled :	nt:	Area for th):		ble									
requirement Budgetary all (Capital cost at O&M cost): Serial Number 1 Amount of efflu (CMD): Capacity of the Amount of treat recycled :	nt:						ll material is thin lease ho		able and stock will be					
(Capital cost a O&M cost): Serial Number 1 Amount of efflu (CMD): Capacity of the Amount of trea recycled :		material:					ll material is thin lease ho		able and stock will be					
(Capital cost a O&M cost): Serial Number 1 Amount of efflu (CMD): Capacity of the Amount of treated the recycled :		Area for m	achinery:				ll material is thin lease ho		able and stock will be					
O&M cost): Serial Number 1 Amount of efflu (CMD): Capacity of the Amount of trea recycled :		Capital cos	st:	Not applica	ble				*					
Number1Amount of efflu (CMD):Capacity of the Amount of treated recycled :	and	O & M cos	t:	Not applica	ble									
Number1Amount of efflu (CMD):Capacity of the Amount of treat recycled :			37.Ef	fluent C	harec	ter	estics							
Amount of efflu (CMD): Capacity of the Amount of trea recycled :	Param	arameters Unit Inlet Effluent Outlet Effluent				Effluent discharge standards (MPCB)								
(CMD): Capacity of the Amount of trea recycled :	Not app	olicable	0	Not applicable Not applicable				Not applicable						
Amount of trea recycled :	Amount of effluent generation (CMD): Not applica					3								
recycled :	Capacity of the ETP: Not application				~									
Amount of wate	mount of treated effluent Not applicable													
	ter send to	the CETP:	Not applica	able										
Membership of	of CETP (if	require):	No	Y										
Note on ETP te	echnology	to be used	Not applica	ible										
Disposal of the	e ETP slud	ge	Not applica	able										
			38.Ha	azardous	Wast	te D	etails							
Serial Number	Descri	iption	Cat	UOM	Exist	ing	Proposed	Total	Method of Disposal					
1	Not app	licable	Not applicable	0	0		0	0	Not applicable					
C	Y		39.S t	tacks em	issio	n De	etails							
Serial Number	Soction At limits			sed with stack		No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases					
1	Not app	licable		0	0		Not applicable	Not applicable	Not applicable					
			40.De	tails of F	Fuel t	o be	e used							
Serial Number	Serial Type of Fuel			Existing			Proposed		Total					
1	Тур	applicable		Not applicabl			lot applicabl		Not applicable					

A-000 Others			Signature:
CEGPT -			Name: Dr. Umakant Gangetreo Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 147	Dr. Umakant Dangat
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41.Source o	of Fuel		Not a	Not applicable					
42.Mode of	Transportat	tion of fuel to	site Not a	applicable					
		1							
		Total RG a		1600					
43.Green Belt No of trees to be be planted :			0						
			2660						
Develop	ment	List of pro native tree		Neem,Baml	boo ,PEEPAL	tree			
		Timeline for completion plantation	n of	5 Years			0		
	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	on Name	Quar	ntity	Characteristics & ecological importance		
1	NE	EM	NEEM 1		11	60	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE		
2	Pee	Peepal		Peepal 50		00	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE		
3	Ban	nboo	Ban	Bamboo 50		00	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE		
4	Ka	ranj	Ka	Karanj 500		00	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE		
45	.Total qua	ntity of plan	nts on grou	nd					
46.Num	nber and	list of sl	nrubs an	d bushes	s species	to be pla	anted in the podium RG		
Serial Number		Name		C/C Dista	nce		Area m2		
1	1 Not applicable			Not applicable Not applicable					
				47.EI	nergy				
	Si								



		Source of p supply :	power	MSEDCL				
Power requirement:		During Con Phase: (De Load)		5 HP				
		DG set as I back-up du constructio	ıring	Not applica	ble			
		During Ope phase (Cor load):		Not applica	Not applicable			
		During Ope phase (Der load):		5 HP				
		Transform	er:	Not applica	ble			
		DG set as I back-up du operation j	ıring	Not applica	ble			20
		Fuel used:		Not applica	ble			
		Details of I tension lin through th any:	e passing	Not applicable				
		Ţ	rav savi	ng by no	n-cor	vention	al m	ethod:
Dowon io no	mined for li							
Power is rec	quirea for h	ghting purpos	-	-				-
		49	9.Detail	calculati	ons a	x % of sa	aving	J:
Serial Number	easures				Saving %			
1	LED LI	GHTS WILL	BE USED FO	DR LIGHTIN	G			32
		50.	Details	of pollut	ion c	ontrol S	ystei	ns
Sour		Existi		control syst	em		I	Proposed to be installed
DUST HAU			Not app	cable WATER TANKER			WATER TANKER	
DUST HAU DURING I OPERAT	MINING	7	Not app	licable SPRINKLERS			SPRINKLERS	
VEHIC	CLES	C	Not app	icable WITH VALID PUC				
DUST DI MINI ,TRANSPORT	NG		Not app	licable			GR	EEN BELT DEVELOPMENT
Budgetary		Capital cos	st:	32000				
(Capital O&M	cost and cost):	O & M cost	t:	5000				
		onment	al Mar	nageme	ent p	lan Bı	ıdge	etary Allocation
		a) (Construe	ction pha	se (v	vith Brea	ak-u	p):
Serial Attributes Parar			-	,			er annum (Rs. In Lacs)	
1 Not applicable Not app			plicable			Ν	ot applicable	
		b) Operat	ion Phas	e (wi	th Breal	k-up)):
Serial Number	Comp	oonent	-	iption	,	tal cost Rs Lacs		Operational and Maintenance cost (Rs. in Lacs/yr)
Abhay Pimparkar (Secretary SEAC Meeting No: 166 Meeting Date: May 27, Page 149 Dr. Umaka					Name: Dr. Umakant Dangat			

1	Particul	late Matter	MAINTEN RO		DF	3.70		0.50		
2	Particul	late Matter		I BELT	-	0.335		0.25		
3	Particul	late Matter		TRAFFIC MANAGEMENT		0		1.20		
4	Particul	late Matter	DU SUPPER	IST ESSION	1	0		2.40	I	
5	Particul	late Matter	HOUSEK ACTIV		3	0.20		0.85		
6	Particul	late Matter	MOINTO ENV PAR			0		1.0		
7	SA	FETY	FEN	CING		2.0		0.15		
8	SA	FETY	SIGN	AGES		0		0.15		
9	(OHS	SAFETY EC	QUIPME	NT	0.25		1.3120	00	
10	(OHS		SIX MONTHLY 0.0 HEALTH CHECKUP 0.0				0.30		
11	(OHS	-	FACILITY OF TOILETS, FIRST AID				0.50		
12		MCP REDNESS	FMCP ALLOC							
51.S	torag	e of ch	emicals		lamabl stance		osive/haz	zardou	s/toxic	
Descri	ption	Status	Location	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	
Not app	licable	Not applicable	Not applica	Not applicable		0	0	Not applicable	Not applicable	
			52.A	ny Ot	her Info	rmation	1			
No Informa	tion Availa	ble								
		01	53.	Traffi	c Mana	rement				
			he junction ain road &	0	- Tunu	<u>.</u>				



		ber and area of ment:	0					
	Num podia	ber and area of a:	0					
	Total	l Parking area:	0					
	Area	per car:	0					
	Area	per car:	0					
Parking details:	Whee appro comp	ber of 2- elers as oved by petent ority:	0					
	Whee appro	ber of 4- elers as oved by petent ority:	0					
	Publi	ic Transport:	0					
		h of all Internal s (m):	6					
		RRZ clearance in, if any:	Not applicable					
	Prote Critic areas areas	nce from ected Areas / cally Polluted s / Eco-sensitive s/ inter-State daries	66 KM	000				
	sche	gory as per dule of EIA fication sheet	1a B2	P				
	Cour if any	t cases pending y	No					
		r Relevant mations	Environmental of 2013	learance Ref-	SEAC-2013/	CR-117/TC-3 dated 26th June		
	subn Appli	e you previously nitted ication online IOEF Website.	No					
		of online nission	-					
SEAC	DIS	CUSSION	ON ENVI	RONME	ENTAL	ASPECTS		
Environmental Impacts of the project	Not A	applicable						
Water Budget	Not A	pplicable						
Waste Water Treatment	Not A	applicable						
Drainage pattern of the project	Not A	applicable						
Ground water parameters	Not A	pplicable						
Solid Waste Management	Not A	applicable						
Abhay Pimparkar (Secre SEAC-I)		SEAC Meeting N	o: 166 Meeting D 2019	ate: May 27,	Page 151 of 190	Signature: Name: Dr. Umakant Gangetreo Dangat Dr. Umakant Dangat (Chairman SEAC-I)		

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

Brief information of the project by SEAC

PP submitted their application for revalidation of their earlier Environmental Clearance No. 2013/CR-117/TC-3 dated 26.06.2013.

DECISION OF SEAC

As the earlier Environmental Clearance is valid, the Authority for revalidation is with the SEIAA as per para 9 (Validity of Environmental Clearance) of the EIA Notification, 2006.

Hence, SEAC decided to submit proposal to the SEIAA.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.



166th Meeting of State Level Expert Appraisal Committee (SEAC-1) (Day - 1)

SEAC Meeting number: 166 Meeting Date May 27, 2019

Subject: Environment Clearance for Stone Quarry of Mr. Pravin Diliprao Nimbhorkar, Mauza-Waghoda, Tq -Karanja (Ghadge), Gut No.-53 Part , Dist. Wardha, Area - 1.66 Ha, GPS -21°10'03.06

Is a Violation Case: No	
1.Name of Project	Stone Quarry of Mr. Pravin Diliprao Nimbhorkar, Mauza-Waghoda,Tq -Karanja (Ghadge),Gut No53 Part , Dist. Wardha,
2.Type of institution	Private
3.Name of Project Proponent	Mr. Pravin Diliprao Nimbhorkar
4.Name of Consultant	ENVIRO TECHNO CONSULT PVT LTD. ,NAGPUR
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No
8.Location of the project	Gut No.53 Part
9.Taluka	Karanja (Ghadge)
10.Village	Waghoda
Correspondence Name:	Mr. Pradip Diliprao Nimbhorkar
Room Number:	Gut No 53 part
Floor:	Gut No 53 part
Building Name:	Gut No 53 part
Road/Street Name:	Waghoda
Locality:	Waghoda
City:	Waghoda
11.Whether in Corporation / Municipal / other area	Grampanchayat
	Mining Plan
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: BON/MINING/MMP/215/2019/442 dated 03.04.2019
	Approved Built-up Area: 16600
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI ISSUED BY DISTRICT COLLECTOR WARDHA
15.Total Plot Area (sq. m.)	Not applicable
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.): 16600
	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: 03-04-2019
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	3600000

Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 166 Meeting Date: May 27, 2019		Signature: Name: Dr. Umakant Gangetzeo Dangat Dr. Umakant Dangat (Chairman SEAC-I)
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	2	2.Num	ber of]	buildin	gs & its	s config	uration			
Serial number	Buildir	ıg Name & ı	number	Nu	mber of floo	ors	Height of the building (Mtrs)			
1	1	Not applicabl	e	Ν	lot applicable	9	Not applicable			
23.Number of tenants and shops Not applicable										
24.Numbe expected r users		Not applica	Not applicable							
25.Tenant density per hectare Not applicable										
26.Height building(s							.0			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)										
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation										
29.Existing structure (Not applica	ble		0					
30.Details demolition disposal (I applicable	n with f	Not applica	ble							
			31.F	Product	ion Det	tails				
Serial Number	Pro	duct	Existing	(MT/M)	Proposed	(MT/M)	Total (MT/M)			
1 Stone, Murrum (Minor Mineral) 0 90140 TPA /11255 : Brass 90140 TPA /11255 : 90140 TPA /11255 : Brass							90140 TPA /11255 : Brass			
		3	2.Tota	l Wate	r Requi	rement	;			
	Si									

agenoraties		Signature:
Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 166 Meeting Date: May 27, 2019	Dr. Umakant Dangat (Chairman SEAC-I)

		Source of wa	ter	Water Tanke	er							
		Fresh water	(CMD):	2	2							
		Recycled wat Flushing (CM		Not applicat	ole							
	Recycled water - Gardening (CMD):			Not applicat	ole							
		Swimming po make up (Cu		Not applicat	ole							
Dry season: Total Water Requirement (CMD) :			2									
		Fire fighting Underground tank(CMD):		Not applical	ble			8				
		Fire fighting Overhead wa tank(CMD):		Not applical	ble			0				
		Excess treate	ed water	Not applicat	ole							
		Source of wa	ter	Not applicat	ole							
		Fresh water	(CMD):	Not applical	ole							
Recycled water - Flushing (CMD):		Not applicable										
Recycled water - Gardening (CMD):			Not applicat	ole								
		Swimming po make up (Cu		Not applicat	ole							
Wet seasor	a:	Total Water Requirement :	t (CMD)	Not applical	ble							
		Fire fighting Underground tank(CMD):		Not applicable								
		Fire fighting Overhead wa tank(CMD):	ter	Not applical	Not applicable							
		Excess treate	ed water	Not applicable								
Details of 9 pool (If any		Not applicable	9									
		33	.Detail	s of Tota	l water co	nsume	d					
Particula rs	Cons	sumption (CM	D)	I	Loss (CMD)		Eff	fluent (CMD)				
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	0	0.600	0.600	0	0.600	0.600	0	0	0			
Gardening	0	1.40	1.40	0	1.40	1.40	0	0	0			
								1				



	Level of the Ground water table:	20 m						
	Size and no of RWH tank(s) and Quantity:	Not Applicable						
	Location of the RWH tank(s):	Not Applicable						
34.Rain Water Harvesting	Quantity of recharge pits:	1						
(RWH)	Size of recharge pits :	Mine pit will act as recharge pit						
	Budgetary allocation (Capital cost) :	Not Applicable						
	Budgetary allocation (0 & M cost) :	Not Applicable						
	Details of UGT tanks if any :	Not Applicable						
35.Storm water	Natural water drainage pattern:	Storm water drain of 1m width x 1m depth x along peripheral length is proposed along peripheral area within safety barrier as per natural drain slopes						
drainage	Quantity of storm water:	19920						
	Size of SWD:	1m x1m along the peripheral length						
	L							
	Sewage generation in KLD:	0.40						
	STP technology:	Biotoilet proposed adjacent to ML area						
Sowago and	Capacity of STP (CMD):	0.40						
Sewage and Waste water	Location & area of the STP:	Biotoilet proposed adjacent to ML area						
	Budgetary allocation (Capital cost):	n 195000						
	Budgetary allocation (O & M cost):	1 50000						
	36.Soli	d waste Management						
Waste generation in	Waste generation:	Not Applicable						
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Not Applicable						
	Dry waste:	Being Minor Mineral all the mined out material is saleable/usable. Top Soil layer is very thin and negligible and will be utilized for peripheral plantation proposed within safetyb barrier						
	Wet waste:	Not Applicable						
Waste generation	Hazardous waste:	Not Applicable						
in the operation Phase:	Biomedical waste (If applicable):	Not Applicable						
	STP Sludge (Dry sludge):	Not Applicable						
	Others if any:	Not Applicable						
2-00 theres		Signature:						

2 or Otherses			Signature:
CEGA =			Name: Dr. Umakant Gangetreo Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 156	Dr. Umakant Dangat
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		Dry waste:				very t	thin ar	nd neg	igible	and w	vill be u	s saleable/usable. Top utilized for peripheral
		Wet waste			Not Applica	ble						
Mode of I	Disposal	Hazardous	wast	e:	Not applica	ble						
of waste: Biomedical waste (I applicable):			te (If	Not applicable								
STP Sludge (Dry sludge):					Not applicable							
		Others if a	ny:		Not applica	ble						
		Location(s):		Not Applicable, being all material is saleable/usable and stock will be temporary in natutre within lease hold area.							
Area requirem	ent:	Area for th of waste & material:				Not Applicable, being all material is saleable/usable and stock will be temporary in natutre within lease hold area.						
		Area for m	achin	ery:	Not Applica temporary i							ble and stock will be
Budgetary		Capital cos	st:		Not applica	ble						*
(Capital co O&M cost)		O & M cos	t:		Not applica	ble						
			3	7.Ef	fluent Cl	hare	cter	estic	s	3		
Serial Number	Paran	neters	Uı	nit	Inlet E Charect					Efflue eresti		Effluent discharge standards (MPCB)
1	Not apj	plicable	Not applicable Not applicable Not appli						Not applicable			
Amount of e (CMD):	effluent gene	eration	tion Not applicable									
Capacity of the ETP: Not applicat					ble	S						
Amount of t recycled :	reated efflue	ent		pplica	, i i							
Amount of v				pplica	ble							
Membership		-	No									
Note on ETI				pplica								
Disposal of	the ETP sluc	lge		pplica	zardous Waste Details							
Serial		<u> </u>	3	8.Ha	zardous	Was	ste D	etai	ls			
Number	Descr	iption	Ca		UOM	Exis	ting	Prop	Proposed To		tal	Method of Disposal
1	Not app	olicable	N appli	ot cable	0	()	()	()	Not applicable
	2		3	89.St	tacks em	issio	n D	etail	5			
Serial Number	Section	& units	Fı		ed with ntity	Stacl	k No.	Hei fro grou level	om und	dian	rnal neter n)	Temp. of Exhaust Gases
1	Not apj	plicable		()	()	N appli			ot cable	Not applicable
			40	0.De	tails of F	uel	to b	e use	ed			
Serial Number	Тур	e of Fuel			Existing			Prop	osed			Total
1	Not	applicable		Ν	Not applicabl	е	Ν	lot app	licabl	е		Not applicable
1 Not applicable Not applicable Not applicable 1 Not applicable Not applicable Not applicable Abhay Pimparkar (Secretary SEAC-I) SEAC Meeting No: 166 Meeting Date: May 27, 2019 Page 157 of 190								: Dr. Umakant Gangetrao Dangat makant Dangat				

41.Source o	of Fuel		Not	Not applicable					
42.Mode of	Transportat	tion of fuel to	site Not	Not applicable					
		Total RG a		3461					
		No of trees		be cut 0					
43.Green Belt Development List of proposed native trees :			2692						
			Neem,Baml	boo ,PEEPAL	tree				
		Timeline for completion plantation	1 of	5 YEARS			0		
	44.Nu	mber and	l list of	trees spe	cies to b	e plante	d in the ground		
Serial Number	Name of	the plant	Comme	on Name	Quar	ntity	Characteristics & ecological importance		
1	NE	NEEM N		EEM	1192		HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE		
2	Pe	Peepal		epal	500		HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE		
3	Ban	nboo	Bai	Bamboo		00	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE		
4	Ka	ranj	Ka	Karanj		00	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE		
45	5.Total qua	ntity of plan	its on grou	ind	•				
46.Num	nber and	list of sl	nrubs ar	nd bushes	s species	to be pl	anted in the podium RG		
Serial Number		Name		C/C Dista	nce		Area m2		
1 Not applicable			Not applicable Not applicable						
				47.Eı	nergy				
	Si								



		Source of p supply :	ower	MSEDCL					
		During Con Phase: (Der Load)		5 HP					
		DG set as P back-up du constructio	ring	Not applica	ble				
Power requirement:		During Ope phase (Con load):		Not applicable					
		During Ope phase (Dem load):		5HP					
		Transforme	er:	Not applica	ble				
		DG set as P back-up du operation p	ring	Not applicable					
		Fuel used:		Not applica	ble				
Details tension throug any:			igh e passing e plot if	Not applica	ble	6			
		48.Ene	r qy savi i	ng by no	n-conve	ntional r	nethod:		
Power is required for lighting purpose only. All lights will be LED lights only of suitable wattage									
		49	.Detail	calculati	ons & %	6 of savir	ıα:		
Serial Energy Conservation Me							Saving %		
1	LED LI	GHTS WILL E	BE USED FO	OR LIGHTIN	G		35		
		50.	Details	of polluti	ion con	trol Syste	ems		
S	ource	H	Existing poll	ution control system Proposed to be installed			Proposed to be installed		
DUST H	IAUL ROAD		No	tapplicable			WATER TANKER		
	ROAD, DURI OPERATIONS	NG	Not	t applicable			SPRINKLERS		
	HICLES		Not	t applicable WITH			WITH VALID PUC		
DUST MINING,TRAN	T DURING NSPORT,LOAD	DING	Not	t applicable GREEN BELT DEVELOPMENT			GREEN BELT DEVELOPMENT		
Budgetary	allocation	Capital cos	t:	35000					
(Capital O&M	cost and	0 & M cost		5000					
		onment	al Mar	nageme	ent pla	n Budo	getary Allocation		
				ction pha	-				
Serial Number	Attril			neter			per annum (Rs. In Lacs)		
1	Not app	olicable	Not app	plicable			Not applicable		
	11			ion Phas	e (with				
Serial Number	Comp		-	iption	Capital	cost Rs. In .acs	Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Particula	te Matter	MAINTEN RO	IANCE OF AD	8	3.80	0.50		

a-profileses			Signature:
C669			Name: Dr. Umakant Gangatrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 159	Dr. Umakant Dangat
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			e junction in road &		<u> </u>				
			53.Traff	ic Mana	gement				
No Informa	ation Availa	able	JZ.Any U	mer mit	n illatiol	l			
1100 app	,1100.010	applicable	52.Any Ot		-		applicable	100 approable	
Descri Not app	_	Status	Location Not applicable	Storage Capacity in MT	Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation	
					Maximum Quantity of	Consumption			
51.S	Storag	e of che	emicals (inf sub	lamabl stance	_	osive/haz	zardou	s/toxic	
12		SAFTY	SIGNAGES		0		0.15		
11		FMCP AREDNESS	FMCP FUND ALLOCATION 0				1.00		
10		OHS	FACILITY OF TOILETS, FIRST A	AID	1.95		0.50		
9		OHS	SIX MONTHLY HEALTH CHECK		0.0		0.30	6	
8		OHS	SAFETY EQUIPME	ENT	0.25		1.8120	00	
7		AFETY	ENV PARAMETE FENCING	LK	2.00		0.15		
6	Particu	ılate Matter	MOINTORING C		0		1.0		
5	Particu	ılate Matter	HOUSEKEEPIN ACTIVITIES,		0.20		0.85		
4	Particu	ılate Matter	DUST SUPPERESSION	V	0		2.25		
3	Particu	ılate Matter	TRAFFIC MANAGEMEN	Г	0.0		1.00		
	Particu	ılate Matter	GREEN BELT DEVELOPMEN	Г	0.35		0.25		



	Number and area of basement:	0
	Number and area of podia:	0
	Total Parking area:	0
	Area per car:	0
	Area per car:	0
Parking details:	Number of 2- Wheelers as approved by competent authority:	0
	Number of 4- Wheelers as approved by competent authority:	0
	Public Transport:	0
	Width of all Internal roads (m):	6
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	41 kM
	Category as per schedule of EIA Notification sheet	1a B2
	Court cases pending if any	No
	Other Relevant Informations	21°10'03.06"N 78°16'46.60"E
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	PP proposes to provide water, etc.	mitigation measures for dust control, vehicular emission, domestic waste
Water Budget	PP submitted water bud	get calculations at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment		oilets to the workers working in the mine area and sewage generated and treated so as to confirm to the standards prescribed by
Drainage pattern of the project	No natural drain be dive water for use.	erted for the mining activity. PP to provide garland drain to collect rain
Ground water parameters	No ground water withd	rawal is permitted in the proposed mine area.

ager of the ser			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	•	Dr. Umakant Dangat
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Solid Waste Management PP to ensure proper disposal of solid waste as approved by the competent Authority. No nuisance of the waste be created in and around the proposed mine area. Air Quality & Noise Level issues PP proposes to construct approach road, water sprinkling for the control of dust pollution. P proposes to ensure PUC of the vehicles transporting mined material. Energy Management The demand for energy will be 5HP which will be supplied by MSEDCL. Traffic circulation system and risk assessment PP to provide adequate load baring capacity road for safe plying of the heavy vehicles transporting mined material. Landscape Plan PP to develop 7.5 meter wide green belt along the periphery in the safety zone, the mined pi will be created as water reservoirs with all necessary safety provisions. Disaster management system and risk assessment PP proposes to provide medical aid facility on the site. DGM approved mine manager will be appointed by the PP. Socioeconomic impact assessment PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement. Any other issues related to environmental sustainability PP to ensure that only manual mining is permitted and no mechanical or other devices shall used for the purpose. Mining / loading activity should carried out only in in day hours' time. Brief information of the project by SEAC
Level issuesproposes to ensure PUC of the vehicles transporting mined material.Energy ManagementThe demand for energy will be 5HP which will be supplied by MSEDCL.Traffic circulation system and risk assessmentPP to provide adequate load baring capacity road for safe plying of the heavy vehicles transporting mined material.Landscape PlanPP to develop 7.5 meter wide green belt along the periphery in the safety zone, the mined pi will be created as water reservoirs with all necessary safety provisions.Disaster management system and risk assessmentPP proposes to provide medical aid facility on the site. DGM approved mine manager will be appointed by the PP.Socioeconomic impact assessmentNot ApplicableEnvironmental Management PlanPP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.Any other issues related to environmental sustainabilityPP to ensure that only manual mining is permitted and no mechanical or other devices shall used for the purpose. Mining / loading activity should carried out only in in day hours' time.Brief information of the project by SEAC
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related to PP to ensure that only manual mining is permitted and no mechanical or other devices shall used for the purpose. Mining / loading activity should carried out only in in day hours' time. Brief information of the project by SEAC
Stille



PP submitted their application for prior Environment Clearance under category 1(a)B2 of the EIA Notification,2006, as amended from time to time for the stone quarry having area of 1.66 ha at Wagjoda gat. No. 53 (p), Taluka Karanja (Ghadge), District Wardha.

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

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

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

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

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

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

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

DECISION OF SEAC

age of the set			Signature: Name: Dr. Umakant Gangetrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 163	Dr. Umakant Dangat
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SEAC-1 appraised the proposal on the basis of information submitted by the Project Proponent. The District Mining Officer, Wardha is present at the time of appraisal.

After detailed deliberations with the PP and officials present in the meeting, SEAC-1 decided to recommend the proposal of prior Environment Clearance subject to the following conditions.

Specific Conditions by SEAC:

PP to implement mine closure plan as approved by the competent Authority. PP to provide dry wall of around one meter along with barbed wire fencing to the mining lease area to ensure safety of animals and humans
 PP to keep 7.5 meter free safety zone all around the proposed mine area and develop it in to the green belt during coming monsoon season.

3) PP to obtain all necessary NOC's/Permissions from the competent Authority before commencing any work on proposed site.

4) PP to ensure that, the quarrying is proposed above the level of aquifer to avoid the ground water

contamination/degradation of water quality of aquifer. PP to take adequate measures/precautions to avoid contamination /degradation of ground water.

5) PP to ensure no stream is diverted due to proposed quarrying activity.

6) PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise.

7) PP to provide adequate measures to ensure the stability of the benches formed during mining activity to ensure safety of the people.

8) PP to provide adequate channels to guide the rain water to reach the mined pit and to avoid any unforeseen incident.

9) PP to adhere to the provisions stipulated Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013, quidelines issued by MoEF&CC and any other legal requirements as applicable to the proposed activity.

10) PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector

should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter.

11) PP to ensure that there is no damage to any fauna and its nesting close to the proposed mining area.

12) PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution.

13) No mining shall be carried out in the vicinity of natural/manmade archeological sites.

14) PP to ensure that parking shall not be made on Public roads. Parking shall be on pre decided place only.

15) The stone transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.

16) PP to prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC on 01.05.2018.

17) District Mining Officer shall submit a certificate of nearest habitation from the proposed mine area.

18) PP to carry out multiple air monitoring on the nearest habitat and agricultural sites to ascertain the impact of air pollution due to proposed mining activity and to provide adequate mitigation measures.

19) PP proposes Jackhammer drilling in proposed quarry. The jackhammer drills produces more noise and do not have inbuilt water injection system. PP to ensure protective measures are provided to reduce noise exposure and dust emission due to drilling and blasting activity.

20) PP to provide movable toilets/ bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to confirm to the standards prescribed by MoEF&CC and CPCB.21) PP to provide First Aid facility at the proposed mining site.

FINAL RECOMMENDATION

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



166th Meeting of State Level Expert Appraisal Committee (SEAC-1) (Day - 1) SEAC Meeting number: 166 **Meeting Date** May 27, 2019

Subject: Environment Clearance for Stone Quarry of Mrs. Pranita Pramod Mahalle Mauza-Kavtha, Tq Deoli, Gut No.61/2 , Dist. Wardha, Area - 1.21 Ha, GPS -20°44' 27.35

Is a Violation Case: No	
1.Name of Project	Stone Quarry of Mrs. Pranita Pramod Mahalle , Mauza-Kavtha,Tq Deoli,Gut No.61/2 , Dist. Wardha
2.Type of institution	Private
3.Name of Project Proponent	Mrs. Pranita Pramod Mahalle
4.Name of Consultant	ENVIRO TECHNO CONSULT PVT LTD. ,NAGPUR
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No
8.Location of the project	Gut No.61/2
9.Taluka	Deoli
10.Village	Kavtha
Correspondence Name:	Mrs. Pranita Pramod Mahalle
Room Number:	Gut No.61/2
Floor:	Gut No.61/2
Building Name:	Gut No.61/2
Road/Street Name:	Gut No.61/2
Locality:	Kavtha
City:	Kavtha
11.Whether in Corporation / Municipal / other area	Grampanchayat
	MINING PLAN
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: BON/MINING/MMP/215/2019/441 dated 03.04.2019
	Approved Built-up Area: 12100
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI ISSUED BY DISTRICT COLLECTOR WARDHA
15.Total Plot Area (sq. m.)	Not applicable
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.): 12100
10 (h) America J. D. 'l'	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: 03-04-2019
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	300000

approprieses		Signature:
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	2	2.Num	ber of l	buildin	gs & its	config	juration			
Serial number	Buildin	ıg Name & ı	number	Nu	mber of floor	s	Height of the building (Mtrs)			
1	1	Not applicabl	e	Ν	lot applicable		Not applicable			
23.Numbe tenants an										
24.Numbe expected r users		Not applica								
25.Tenant per hectar		Not applica	ble							
26.Height building(s							.0			
station to	the road learest fire	12	12							
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation										
29.Existing structure (Not applica	ble							
30.Details demolition disposal (I applicable	n with f	Not applica	ble							
			31.F	Product	ion Deta	ails				
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
						/ 9020 Year	72240 TPA / 9020 Brass per Year			
		3	2.Tota	l Wate	r <mark>Requi</mark> r	ement	t			
	Si									

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		Source of wa	ter	Water Tanker							
		Fresh water	(CMD):	2							
		Recycled wat Flushing (CM		Not applicable							
		Recycled wat Gardening (C		Not applicable							
Swimming pool make up (Cum):				Not applicat	ole						
Dry season:		Total Water Requirement :	: (CMD)	2							
		Fire fighting Underground tank(CMD):		Not applicat	ble			.0			
		Fire fighting Overhead wa tank(CMD):	- ter	Not applicat	ble			0			
		Excess treate	ed water	Not applicat	ole						
		Source of wa	ter	Not applicab	ole						
		Fresh water	(CMD):	Not applicab	ole						
		Recycled wat Flushing (CM									
		Recycled wat Gardening (C		Not applicat	Not applicable						
		Swimming po make up (Cu		Not applicat	ole						
Wet season:	-	Total Water Requirement :	: (CMD)	Not applicable							
		Fire fighting Underground tank(CMD):	- I water	Not applicable							
		Fire fighting Overhead wa tank(CMD):	ter	Not applicable							
		Excess treate	ed water	Not applicable							
Details of Sw pool (If any)	imming	Not applicable	9								
		33	.Detail	s of Total	l water co	nsume	d				
Particula rs	Cons	umption (CM	D)	I	Loss (CMD)		Eff	fluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	0	0.540	0	0	0.540	0.540	0	0	0		
Domostic				$\begin{array}{c ccccccccccccccccccccccccccccccccccc$							



	Level of the Ground water table:	19 m					
	Size and no of RWH tank(s) and Quantity:	Not Applicable					
	Location of the RWH tank(s):	Not Applicable					
34.Rain Water Harvesting	Quantity of recharge pits:	1					
(RWH)	Size of recharge pits :	Mine pit will act as recharge pit					
	Budgetary allocation (Capital cost) :	Not Applicable					
	Budgetary allocation (O & M cost) :	Not Applicable					
	Details of UGT tanks if any :	Not Applicable					
35.Storm water	Natural water drainage pattern:	Storm water drain of 1m width x 1m depth x along peripheral length is proposed along peripheral area within safety barrier as per natural drain slopes					
drainage	Quantity of storm water:	14520					
	Size of SWD:	1m x1m along the peripheral length					
	Sewage generation in KLD:	0.40					
-	STP technology:	Biotoilet proposed adjacent to ML area					
Sewage and	Capacity of STP (CMD):	0.40					
Waste water	Location & area of the STP:	Biotoilet proposed adjacent to ML area					
	Budgetary allocation (Capital cost):	195000					
	Budgetary allocation (0 & M cost):	50000					
	36.Soli	d waste Management					
Waste generation in	Waste generation:	Not Applicable					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Not Applicable					
	Dry waste:	Being Minor Mineral all the mined out material is saleable/usable. Top Soil layer is very thin and negligible and will be utilized for peripheral plantation proposed within safetyb barrier					
	Wet waste:	Not Applicable					
Waste generation	Hazardous waste:	Not Applicable					
in the operation Phase:	Biomedical waste (If applicable):	Not Applicable					
	STP Sludge (Dry sludge):	Not Applicable					
	Others if any:	Not Applicable					
Abhay Pimparkar (Secre SEAC-I)		to: 166 Meeting Date: May 27, 2019 Page 168 of 190 Signature: International Sector Date: May 27, 2019					

		Signature:
		Name: Dr. Umakant G
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		Dry waste:		Soil layer is	s very t	thin ar		and w	vill be	s saleable/usable. Top utilized for peripheral	
		Wet waste	:	Not Applica	Not Applicable						
Mode of I	Disposal	Hazardous	waste:	Not applica	ble						
-			l waste (I):	f Not applica	ble						
		STP Sludg sludge):	e (Dry	Not applica	ble						
		Others if a	ny:	Not applica	ble						
		Location(s):				ll material is ithin lease ho			ble and stock will be	
Area requirem	ent:	Area for th of waste & material:			Not Applicable, being all material is saleable/usable and stock will be temporary in natutre within lease hold area.					ble and stock will be	
		Area for m	achinery:				ll material is ithin lease ho			ble and stock will be	
Budgetary		Capital cos	st:	Not applica	ble					*	
(Capital co O&M cost)		O & M cos	t:	Not applica	ble		0				
			37.E	ffluent C	hare	cter	estics				
Serial Number	Paran	neters	Unit	Inlet E	Inlet Effluent Charecterestics Charecterestics				Effluent discharge standards (MPCB)		
1	Not ap	plicable	0	Not ap	plicabl	e	Not ap	plicab	le	Not applicable	
Amount of e (CMD):	effluent gene	eration	Not appli	cable		0					
Capacity of	the ETP:		Not appli	cable	>>						
Amount of t recycled :	reated efflue	ent	Not appli								
Amount of v	vater send to	o the CETP:	Not appli	cable							
Membershij	o of CETP (if	f require):	No								
Note on ET	P technology	v to be used	Not appli	cable							
Disposal of	the ETP sluc	lge	Not appli	cable							
			38. H	azardous	Was	ste D	etails				
Serial Number	Descr	iption	Cat	UOM	Exis	ting	Proposed	То	tal	Method of Disposal	
1	Not apj	olicable	Not applicable	9 0	()	0	0		Not applicable	
	GY		39.9	Stacks em	issio	n D	etails				
Serial Number	Section & units			Fuel Used with Quantity		k No.	Height from ground level (m)	dian	ernal neter n)	Temp. of Exhaust Gases	
1	Not apj	plicable		0	()	Not applicable		ot cable	Not applicable	
			40.D	etails of H	Fuel	to b	e used				
Serial Number	Тур	e of Fuel		Existing			Proposed			Total	
1	Not	applicable		Not applicabl	е	Ν	Not applicabl	е		Not applicable	
		Not applicable Not applicable Not applicable Not applicable									

appendiances			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 169	Dr. Umakant Dangat
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41.Source o	of Fuel		Not a	applicable						
42.Mode of	Transportat	tion of fuel to	site Not a	applicable						
		1								
		Total RG a		2533						
		No of trees	s to be cut	0						
43.Gree		Number of be planted		2666						
Develop	ment	List of pro native tree		Neem,Baml	000 ,PEEPAL	tree				
		Timeline for completion plantation	n of	5 years	5 years					
44.Number and list of trees species to be planted in the ground										
Serial Number	Name of	the plant	Commo	on Name	Quar	ntity	Characteristics & ecological importance			
1	NE	EM	NE	EM	11	66	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE			
2	Pee	epal Pee		epal	500		HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE			
3	Ban	nboo	oo Bamboo			00	HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE			
4	Ka	ranj	Ka	aranj 500 PH			HEIGHTED LEAFY TREE TO PREVENT DUST AND WILL ACT AS ATTENUATION FOR NOISE			
45	.Total qua	ntity of plan	its on grou	nd						
46.Num	nber and	list of sl	nrubs an	d bushes	species	to be pla	anted in the podium RG:			
Serial Number		Name		C/C Dista	nce		Area m2			
1	Not	applicable		Not applic	icable Not applicable					
				47.EI	nergy					
	S									



		Source of supply :	power	MSEDCL					
		During Co Phase: (De Load)		5 HP					
		DG set as back-up du construction	ıring	Not applica	ble				
Pov	107	During Op phase (Cor load):		Not applica	ble				
require		During Op phase (Der load):		5 HP					
		Transform	er:	Not applicable					
		DG set as back-up du	uring	Not applica	ble		5		
		Fuel used:		Not applicable					
		Details of a tension lim through th any:	e passing	Not applicable					
		48.Ene	ergy savi	ng by no	n-conventi	onal n	nethod:		
Power is rec	guired for lig				LED lights only				
			-	-	ons & % of				
Serial						- Juvin			
Number	E	nergy Cons	ervation M	easures					
1	LED LI	GHTS WILL	BE USED FO	OR LIGHTIN	G		25		
		50	.Details	of polluti	ion contro	l Syste	ems		
			ution control	system		Proposed t	to be installed		
			t applicable			WATE	R TANKER		
	DUST HAUL ROAD, DURING MINING OPERATIONS			t applicable			SPRI	INKLERS	
VE	HICLES		No	t applicable WITH VALID PUC			VALID PUC		
DUST MINING,TRAN	Γ DURING NSPORT.LOAD	DING	No	ot applicable GREEN BELT DEVELOPMENT				DEVELOPMENT	
-		Capital cos	st:	25000					
(Capital O&M	cost and	O & M cos		5000					
					ent nlan	Budo	etary A	Allocation	
				0	-				
0.11		d)	Constru	cion pna	ise (with B	oreak-l	rh):		
Serial Number	Attri	butes	Parai	neter	Tot	tal Cost	per annum	(Rs. In Lacs)	
1	Not app	plicable	Not ap	plicable			Not applicab	le	
		b) Operat	ion Phas	e (with Br	eak-ur) :		
Serial Number	Comp	onent	Descr	iption	Capital cost Lacs			nal and Maintenance t (Rs. in Lacs/yr)	
1	Particula	te Matter		IANCE OF AD	3.70			0.50	

A-000 theses			Signature:
CEG\$			Name: Dr. Umakant Gangatrao Dangat
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2	2 Particulate Matter GREEN BELT DEVELOPMENT			0.3350		0.25				
3	Particu	late Matter		FFIC EMENT		0		1.20		
4	Particu	late Matter		IST ESSION		0			2.40	
5	Particu	late Matter	HOUSER ACTIV			0.20			0.85	
6	Particu	late Matter	MOINTO ENV PAR			0			1.0	
7	SA	FETY	FEN	CING		2.0			0.15	
8	(OHS	SAFETY EC	QUIPMEI	νT	0.25			1.612	0
9	(OHS	SIX MC HEALTH	NTHLY CHECKU	Р	0			0.30	5
10	(OHS	FACIL TOILETS,	ITY OF FIRST AI	D	1.95			0.50	
11		MCP REDNESS		FUND ATION		0.			1.0	
12	S	AFTY	SIGN	AGES		0			0.15	
13	Particu	late Matter		SPORT TROL		0.20			3.115	5
51.S	torag	e of che	micals		amabl stance		osiv	e/haz	zardou	s/toxic
Description Status			Location		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	/ Mo	mption nth in ⁄IT	Source of Supply	Means of transportation
Not app	licable	Not applicable	Not applica	able	0	0		0	Not applicable	Not applicable
			52.A	ny Otl	ner Info	rmation	1			
No Informa	tion Availa	ble								
		C	53.	Traffi	: Manag	jement				
		Nos. of th to the ma design of confluenc		0						



	Number and area of basement:	0
	Number and area of podia:	0
	Total Parking area:	0
	Area per car:	0
	Area per car:	0
Parking details:	Number of 2- Wheelers as approved by competent authority:	0
	Number of 4- Wheelers as approved by competent authority:	0
	Public Transport:	0
	Width of all Internal roads (m):	6
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	35.5 kM
	Category as per schedule of EIA Notification sheet	1a B2
	Court cases pending if any	No
	Other Relevant Informations	20°44' 27.35"N 78°22' 30.78"E
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	PP proposes to provide water, etc.	mitigation measures for dust control, vehicular emission, domestic waste
Water Budget	PP submitted water bud	get calculations at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment		oilets/ bio toilets to the workers working in the mine area and sewage erly collected and treated so as to confirm to the standards prescribed 3.
Drainage pattern of the project	No natural drain be dive water for use.	erted for the mining activity. PP to provide garland drain to collect rain
Ground water parameters	No ground water withd	rawal is permitted in the proposed mine area.

asperbations?		Signature:
Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 166 Meeting Date: May 27, 2019	 Dr. Umakant Dangat (Chairman SEAC-I)

Solid Waste Management PP to ensure proper disposal of solid waste as approved by the competent Authority. No nuisance of the waste be created in and around the proposed mine area. Air Quality & Noise Level issues PP proposes to construct approach road, water sprinkling for the control of dust pollution. P proposes to ensure PUC of the vehicles transporting mined material. Energy Management The demand for energy will be 5HP which will be supplied by MSEDCL. Traffic circulation system and risk assessment PP to provide adequate load baring capacity road for safe plying of the heavy vehicles transporting mined material. Landscape Plan PP to develop 7.5 meter wide green belt along the periphery in the safety zone, the mined pi will be created as water reservoirs with all necessary safety provisions. Disaster management system and risk assessment PP proposes to provide medical aid facility on the site. DGM approved mine manager will be appointed by the PP. Socioeconomic impact assessment PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement. Any other issues related to environmental sustainability PP to ensure that only manual mining is permitted and no mechanical or other devices shall used for the purpose. Mining / loading activity should carried out only in in day hours' time. Brief information of the project by SEAC
Level issuesproposes to ensure PUC of the vehicles transporting mined material.Energy ManagementThe demand for energy will be 5HP which will be supplied by MSEDCL.Traffic circulation system and risk assessmentPP to provide adequate load baring capacity road for safe plying of the heavy vehicles transporting mined material.Landscape PlanPP to develop 7.5 meter wide green belt along the periphery in the safety zone, the mined pi will be created as water reservoirs with all necessary safety provisions.Disaster management system and risk assessmentPP proposes to provide medical aid facility on the site. DGM approved mine manager will be appointed by the PP.Socioeconomic impact assessmentNot ApplicableEnvironmental Management PlanPP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.Any other issues related to environmental sustainabilityPP to ensure that only manual mining is permitted and no mechanical or other devices shall used for the purpose. Mining / loading activity should carried out only in in day hours' time.Brief information of the project by SEAC
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related to PP to ensure that only manual mining is permitted and no mechanical or other devices shall used for the purpose. Mining / loading activity should carried out only in in day hours' time. Brief information of the project by SEAC
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PP submitted their application for prior Environment Clearance under category 1(a)B2 of the EIA Notification,2006, as amended from time to time for the stone quarry having area of 1.21 ha at Kavtha Gat. No. 61/2, Taluka Deoli, District Wardha.

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

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

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

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

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

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

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

DECISION OF SEAC

a contraces			Signature:
CC69			Name: Dr. Umakant Gangetreo Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 175	Dr. Umakant Dangat
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SEAC-1 deliberated the issue at length with the PP and their consultants. SEAC went through various notifications issued by MoEF&CC dated 14th September, 2006, 15th January, 2016, and 14th August, 2018 with respect to the procedure prescribed for appraisal of proposal of minor minerals and decided to appraise the proposals subject to the decision of Hon'ble National Green Tribunal, Principal Bench, New Delhi in the matters referred above.

SEAC-1 appraised the proposal on the basis of information submitted by the Project Proponent. The concern District Mining Officer from Wardha District was present for the meeting.

After detailed deliberations with the PP and officials present in the meeting, SEAC-1 decided to recommend the proposal of prior Environment Clearance subject to the following conditions.

Specific Conditions by SEAC:

1) PP to implement mine closure plan as approved by the competent Authority. PP to provide dry wall of around one meter along with barbed wire fencing to the mining lease area to ensure safety of animals and humans.

2) PP to keep 7.5 meter free safety zone all around the proposed mine area and develop it in to the green belt during coming monsoon season.

3) PP to obtain all necessary NOC's/Permissions from the competent Authority before commencing any work on proposed site.

4) PP to ensure that, the quarrying is proposed above the level of aquifer to avoid the ground water

contamination/degradation of water quality of aquifer. PP to take adequate measures/precautions to avoid contamination /degradation of ground water.

5) PP to ensure no stream is diverted due to proposed quarrying activity.

6) PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise.

7) PP to provide adequate measures to ensure the stability of the benches formed during mining activity to ensure safety of the people.

8) PP to provide adequate channels to guide the rain water to reach the mined pit and to avoid any unforeseen incident.9) PP to adhere to the provisions stipulated Maharashtra Minor Mineral Extraction (Development and Regulation) Rules,

2013, guidelines issued by MoEF&CC and any other legal requirements as applicable to the proposed activity.

10) PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter.

11) PP to ensure that there is no damage to any fauna and its nesting close to the proposed mining area.

12) PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution.

13) No mining shall be carried out in the vicinity of natural/manmade archeological sites.

14) PP to ensure that parking shall not be made on Public roads. Parking shall be on pre decided place only.

15) The stone transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.

16) PP to prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC on 01.05.2018.

17) PP to appoint qualified fore man as a Mine Manager approved by Director General of Mines to ensure safety of the staff/labors appointed at mine site.

18) PP to prepare adequate capacity approach roads to the proposed mine area so as to ensure safe plying of the heavy vehicles engaged on mine site for transport of mined material and to avoid any unforeseen accident.

19) District Mining Officer shall submit a certificate of nearest habitation from the proposed mine area.

20) PP to carry out multiple air monitoring on the nearest habitat and agricultural sites to ascertain the impact of air pollution due to proposed mining activity and to provide adequate mitigation measures.

21) PP proposes Jackhammer drilling in proposed quarry. The jackhammer drills produces more noise and do not have inbuilt water injection system. PP to ensure protective measures are provided to reduce noise exposure and dust emission due to drilling and blasting activity.

22) PP to provide movable toilets/ bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to confirm to the standards prescribed by MoEF&CC and CPCB.

23) PP to provide First Aid facility at the proposed mining site.

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Ab	hay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 176	Dr. Umakant Dangat	
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FINAL RECOMMENDATION

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

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166th Meeting of State Level Expert Appraisal Committee (SEAC-1) (Day - 1)

SEAC Meeting number: 166 Meeting Date May 27, 2019

Subject: Environment Clearance for PRIOR ENVIRONMENTAL CLEARANCE FOR STONE QUARRY – 1.18 ha GUT NO 304/1 FOR 29 BRASS PER DAY VILLAGE - YESEMBA, TALUKA –WARDHA DISTRICT – WARDHA OF MR RITESH CHANDAK ,20°38'39.16

Is a Violation Case: No

1.Name of Project	PRIOR ENVIRONMENTAL CLEARANCE FOR STONE QUARRY - 1.18 ha GUT NO 304/1 FOR 29 BRASS PER DAY VILLAGE - YESEMBA, TALUKA -WARDHA DISTRICT - WARDHA OF MR RITESH CHANDAK
2.Type of institution	Private
3.Name of Project Proponent	RITESH K. CHANDAK
4.Name of Consultant	ENVIRO TECHNO CONSULT PVT LTD NAGPUR
5.Type of project	Mining of Minor Minerals
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	304/1
9.Taluka	WARDHA
10.Village	YESEMBA
Correspondence Name:	RITESH K CHANDAK
Room Number:	1
Floor:	1
Building Name:	GUT NO 304/1
Road/Street Name:	YESEMBA
Locality:	YESEMBA
City:	WARDHA
11.Whether in Corporation / Municipal / other area	GRAMPANCHAYAT
	Ka Kra Li/Gau Kha/Kavi-100/19 dated 20/02/2019
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Ka Kra Li/Gau Kha/Kavi-100/19 dated 20/02/2019
	Approved Built-up Area: 11800
13.Note on the initiated work (If applicable)	NOT APPLICABLE
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	BON/MINING/MMP/215/2019/591
15.Total Plot Area (sq. m.)	11800
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.): 11800
	Approved FSI area (sq. m.): Not applicable
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): Not applicable
2011	Date of Approval: 17-05-2019
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	3500000
aggent marsh	Signature:

approvant			Name: Dr. Umakant Gangatrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 178	Dr. Umakant Dangat
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	2	2.Num	ber of l	ouildin	gs & its c	onfig	juration		
Serial number	Buildin	ng Name & number Number of floors Height of the building							
1	1	Not applicabl	pplicable 0 0						
23.Number tenants an		0							
24.Number expected r users		0							
25.Tenant per hectar		0							
26.Height building(s							0		
27.Right o (Width of t from the n station to proposed b	the road learest fire the	6					0260		
28.Turning for easy ac fire tender movement around the excluding for the pla	ccess of from all building the width	Not applica	ble		00	90			
29.Existing		Not applicable							
30.Details demolition disposal (I applicable	n with f	Not applica	ble						
			31.P	roduct	ion Detai	ls			
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (M	T/M)	Total (MT/M)		
1		rum (Minor eral))	68612 TPA / 8 BRASS PER Y		68612 TPA / 8567 BRASS PER YEAR		
		63	2.Tota	l Wate	r Require	ment	;		



Silv

Dry season:	Fresh water (CMD): Recycled water - Flushing (CMD): Recycled water - Gardening (CMD): Swimming pool make up (Cum): Total Water Requirement (CMD) : Fire fighting - Underground water tank(CMD): Fire fighting - Overhead water tank(CMD): Excess treated water	2 Not applicab Not applicab 2 Not applicab Not applicab	ole						
Dry season:	Flushing (CMD): Recycled water - Gardening (CMD): Swimming pool make up (Cum): Total Water Requirement (CMD) : Fire fighting - Underground water tank(CMD): Fire fighting - Overhead water tank(CMD):	Not applicab Not applicab 2 Not applicab	ole						
Dry season:	Gardening (CMD): Swimming pool make up (Cum): Total Water Requirement (CMD) : Fire fighting - Underground water tank(CMD): Fire fighting - Overhead water tank(CMD):	Not applicab 2 Not applicab	le						
Dry season:	make up (Cum): Total Water Requirement (CMD) : Fire fighting - Underground water tank(CMD): Fire fighting - Overhead water tank(CMD):	2 Not applicab							
Dry season:	Requirement (CMD) : Fire fighting - Underground water tank(CMD): Fire fighting - Overhead water tank(CMD):	Not applicab	le						
	Underground water tank(CMD): Fire fighting - Overhead water tank(CMD):		ble						
	Overhead water tank(CMD):	Not applicab				<u> </u>			
	Excess treated water		Not applicable						
	Source of water	Not applicable							
	Fresh water (CMD):	Not applicab	ole						
	Recycled water - Flushing (CMD):	Not applicab	ole						
	Recycled water - Gardening (CMD):								
	Swimming pool make up (Cum):								
Wet season:	Total Water Requirement (CMD) :	Not applicable							
	Fire fighting - Underground water tank(CMD):	Not applicable							
	Fire fighting - Overhead water tank(CMD):	Not applicable							
	Excess treated water	Not applicable							
Details of Swimming pool (If any)	Not applicable								
	33.Detail	s of Total	water co	nsume	d				
Particula rs Cons	sumption (CMD)	L	oss (CMD)		Eff	fluent (CMD)			
Water Require ment Existing	Proposed Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic 0	1 1	0	1	1	0	0	0		
Gardening 0	1 1	0	1	1	0	0	0		

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Abhay Pimparkar (Secretary	SEAC Meeting No: 166 Meeting Date: May 27,	Page 180	Dr. Umakant Dangat
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	Level of the Ground water table:	18				
	Size and no of RWH tank(s) and Quantity:	MINE PIT WILL ACT AS RECHARGE PIT				
	Location of the RWH tank(s):	Not applicable				
34.Rain Water Harvesting	Quantity of recharge pits:	01				
(RWH)	Size of recharge pits :	Mine pit will act as recharge pit				
	Budgetary allocation (Capital cost) :	50000				
	Budgetary allocation (O & M cost) :	10000				
	Details of UGT tanks if any :	Not applicable				
	•					
35.Storm water	Natural water drainage pattern:	trom water drain of 1m width x 1m depth x along peripheral length is proposed along peripheral area with safty barrier as per natrual drain slope				
drainage	Quantity of storm water:	12980 CUM				
	Size of SWD:	1m x 1m along the peripheral length				
	Sewage generation in KLD:	0.250				
	STP technology:	BIOTOILETS WILL BE PROVIDED				
Sowago and	Capacity of STP (CMD):	0.40 KLD				
Sewage and Waste water	Location & area of the STP:	WITHIN SAFETY BARRIER OF 7.5M OF ML				
	Budgetary allocation (Capital cost):	195000				
	Budgetary allocation (O & M cost):	50000				
	36.Soli	d waste Management				
Waste generation in	Waste generation:	NO WASTE WILL BE GENERATED DURING CONSTRUCTION PERIOD BEING MINING PROJECT				
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	NOT APPLICABLE				
	Dry waste:	Being Minor Mineral all the mined out material is saleable/usable. Top Soil layer is very thin and negligible and will be utilized for peripheral plantation proposed within safetyb barrier				
	Wet waste:	0				
Waste generation in the operation	Hazardous waste:	0				
Phase:	Biomedical waste (If applicable):	0				
	STP Sludge (Dry sludge):	Not applicable				
	Others if any:	NOT APPLICABLE				
Abhay Pimparkar (Secre SEAC-I)		to: 166 Meeting Date: May 27, 2019 Page 181 of 190 Signature: Name: Dr. Umakant Gancerreo Dangat Dr. Umakant Dangat (Chairman SEAC-I)				

		Dry waste:			Soil layer	is ver	y thin and		and w	ill be u	saleable/usable. Top tilized for peripheral
		Wet waste:			NOT APPL	ICAB	BLE				
Mode of I	Disposal	Hazardous	waste:	:	NOT APPL	ICAB	BLE				
of waste:		Biomedica applicable		e (If	NOT APPL	ICAB	BLE				
		STP Sludge sludge):	e (Dry		NOT APPL	ICAB	BLE				
		Others if a	ny:		NOT APPL	ICAB	BLE				
		Location(s):					material is s hin lease hol			ble and stock will be
Area requirem	ent:	Area for th of waste & material:		-				material is s hin lease hol			ble and stock will be
		Area for m	achine:	ry:	Not Applic	able.	•				
Budgetary		Capital cos	st:		0						
(Capital co O&M cost)		O & M cost	t:		0			(
			37	7.Eff	fluent C	har	rectere	stics			
Serial Number	Para	meters	Ur	nit	Inlet Chare			Outlet I Charect			Effluent discharge standards (MPCB)
1	NOT APPLICABLE APPL		ICAB	NOT APPLICABLE NOT APPLICABLE			NOT APPLICABLE				
Amount of effluent generation (CMD): 0											
Capacity of	the ETP:		0			5					
Amount of t	reated efflue	nt recycled :	0								
Amount of w	vater send to	the CETP:	0								
	o of CETP (if				ICABLE						
	P technology		-		ICABLE						
Disposal of t	the ETP slud	ge		-	ICABLE						
			38	.Ha	zardous	s Wa	aste D	etails	-		
Serial Number	Descri	ption	Cat		UOM		Existing	Proposed	Т	otal	Method of Disposal
1	NOT APPI	ICABLE	NOT APPLICA E		NOT APPLICAB	LE	0	0		0	NOT APPLICABLE
	5		39	9.St	acks en	niss	ion De	tails			
Serial Number	Section	& units	Fuel Use Quan			Sta	nck No.	Height from ground level (m)	dian	ernal neter n)	Temp. of Exhaust Gases
1	NOT APP	LICABLE	NOT	APPL	ICABLE		NOT LICABLE	0		0	0
			40	.Det	tails of I	Fue	l to be	used			
Serial Number	Тур	e of Fuel			Existing			Proposed		Total	
1	NOT A	APPLICABLE			0			0			0

agen of the ser			Signature:
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41.Source of Fuel	NOT APPLICABLE
42.Mode of Transportation of fuel to site	NOT APPLICABLE

		Total RG a	rea :	2635			
43.Green Belt Development		No of trees	s to be cut	0			
		Number of be planted		2660			
		List of pro native tree	-	NEEM,PEE	PAL, BAMBOO,KARANJ		
		Timeline for completion of plantation :		5 YEARS			
	44.Nu	mber and	l list of t	rees spe	cies to be plante	ed in the ground	
Serial Number	Name of	the plant Commo		n Name	Quantity	Characteristics & ecological importance	
1	NE	EEM NEB		EM	1000	LEAFY TALL TREE TO PREVENT DUST CONTROLAND WILL ACT	

47.Energy								
1	NOT APPLICABLE	OT APPLICABLE NOT APPLI			0			
Serial Number	Namo C/C Dista		tance Area m2		Area m2			
46.Number and list of shrubs and bushes species to be planted in the podium RG:								
45.Total quantity of plants on ground								
3	KARANJ	KARANJ	66	0	LEAFY TALL TREE TO PREVENT DUST CONTROL			
2	PEEPAL	PEEPAL	1000		LEAFY TALL TREE TO PREVENT DUST CONTROLAND WILL ACT AS ATTENUATION FOR NOISE			
1			100		AS ATTENUATION FOR NOISE			

Sil



Source of power supply :				MSEDCL					
		During Co Phase: (Do Load)	emand	0					
		back-up d	DG set as Power back-up during construction phase						
Der	ver	During Op phase (Co load):		5 HP					
	ement:	During Op phase (De load):		5 HP					
		Transform	ier:	NOT APPLI	CABLE				
		DG set as back-up d operation	uring	NOT APPLI	CABLE			20-	
		Fuel used	:	NOT APPLI	CABLE				
		Details of tension lin through tl any:	ne passing	NOT APPLICABLE					
		48.Ene	erav savi	ng by noi	n-con	vention	al metho	od:	
Power is re	quired for lid		00	ights will be			7		
			-	calculati				0	
Serial Number	Е		servation M					aving %	
1	LED LI	GHTS WILL	BE USED FO	OR LIGHTIN	G			35	
		50	.Details	of polluti	ion c	ontrol S	ystems		
Sourc	е	Existing	g pollution c	ontrol systen	n		Propos	ed to be installed	
DUST FROM ROAD			Not Applica	able WATER TANKER			TER TANKER		
DUST HA ROAD, DU MININ OPERATI	RING G	6	Not Applica	cable		СОМ	COMPACTION AND GRADATION SPRINKLERS		
VEHICL	ES		Not Applica	able			WITH VALID PUC		
DUST DUI MININ TRANSPORT HANDLI	G TATION		Not Applica	able			GREEN BELT DEVELOPMENT		
	allocation cost and	Capital co	st:	50000					
O&M		0 & M cos	st:	5000					
51	.Envir	onmen	tal Mar	nageme	nt r	lan Bı	udgeta	ry Allocation	
				0	-		0	5	
Serial Number	Attributos Doromotor Lotal Cost nor ani					num (Rs. In Lacs)			
1	NOT APP	LICABLE	NOT APP	LICABLE			()	
b) Operation Phase (with Break-up):									
Abhay Pimparkar (Secretary SEAC-I)				o: 166 Meeti 2019	ng Date	:: May 27,	Page 184 of 190	Signature: Name: Dr. Umakant Gangatrao Dangat Dr. Umakant Dangat (Chairman SEAC-I)	

Serial Number	Со	nponent	Description	Сар	ital cost R Lacs	s. In		ational and I cost (Rs. in I	Maintenance Lacs/yr)
1		FICULATE IATTER	MAINTENANCE ROAD	OF	2.3		0.50		
2		TICULATE IATTER	GREEN BELT DEVELOPMEN	Г	0.33			0.25	
3		ΓICULATE IATTER	TRAFFIC MANAGEMEN	Г	0			1.20	
4		ΓICULATE IATTER	DUST SUPPRESS	ION	0			2.40	
5		ΓICULATE IATTER	HOUSEKEEOIN ACTIVITIES	G	0.20			0.60	
6		ΓICULATE IATTER	MONITORING C ENV PARAMETE		0			1	
7	S	AFETY	FENCING		1.5			0.15	
8		OHS	SAFETY EQUIPMENTS		0.10			1.5	
9		OHS	SIX MONTHLY HEALTH CHECK UP 0		0.30				
10		OHS	FACILITY FOR TOILETS, FIRST AID 1.95		0.80				
11		FMCP AREDNESS	FMCP FUND ALLOCATION YERAWISE		0		1		
12	S	AFETY	SIGNAGES ANI BOARDS		0		0 0.15		
51.S	torag	e of che	emicals (inf sub	lamab stance	es)	osiv	e/ha	zardou	s/toxic
Descrij	Description Status Locat		Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	/ Mo	mption nth in IT	Source of Supply	Means of transportation
NOT APPL	ICABLE	NOT APPLICABLE	NOT APPLICABLE	0	0		0	NOT APPLICABLE	NOT APPLICABLE
			52.Any O t	ther Info	ormatio	n			
No Informa	tion Avail	able							
			53.Traff	ic Mana	gement				
	Ż,	Nos. of th to the ma design of confluenc	0						



	Numb basen	per and area of nent:	0		
	Numh podia	per and area of :	0		
	Total	Parking area:	0		
	Area per car:		0		
	Area	per car:	0		
Parking details:	Whee		0		
	Whee		0		0.68
	Publi	c Transport:	0		
	Width roads	n of all Internal (m):	6		
		RRZ clearance n, if any:	NOT APPLICABLE		
	Prote Critic areas areas	nce from cted Areas / cally Polluted / Eco-sensitive / inter-State daries	BHOR TIGER RESERVE 34 KN	M N	
	sched	jory as per lule of EIA ication sheet	1AB2		
	Court if any	cases pending	NO		
		r Relevant mations	LOCATION LATITUDE LONGI GPS-1 20°38'39.16"N 78°44'3 GPS-2 20°38'39.43"N 78°44'2 GPS-3 20°38'42.68"N 78°44'3 GPS-4 20°38'43.54"N 78°44'3 GPS-5 20°38'43.92"N 78°44'3	3.15"E 9.67"E 0.00"E 1.50"E	
	subm Appli	you previously itted cation online OEF Website.	No		
5		of online ission	-		
SEAC	DIS	CUSSION	ON ENVIRONME	ENTAL	ASPECTS
Environmental Impacts of the project	PP pro water,		mitigation measures for dust co	ontrol, vehicu	ılar emission, domestic waste
Water Budget	PP sub	omitted water bud	get calculations at Sr. No 33 of	the Consoli	dated Statement.
Waste Water Treatment	PP to provide movable toilets/ bio toilets to the workers working in the mine area and sewage generated shall be properly collected and treated so as to confirm to the standards prescribed by MoEF&CC and CPCB.				
Drainage pattern of the project	No natural drain be diverted for the mining activity. PP to provide garland drain to collect rain water for use.				
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Ground water parameters	No ground water withdrawal is permitted in the proposed mine area.
Solid Waste Management	PP to ensure proper disposal of solid waste as approved by the competent Authority. No nuisance of the waste be created in and around the proposed mine area.
Air Quality & Noise Level issues	PP proposes to construct approach road, water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
Energy Management	The demand for energy will be 5HP which will be supplied by MSEDCL.
Traffic circulation system and risk assessment	PP to provide adequate load baring capacity road for safe plying of the heavy vehicles transporting mined material.
Landscape Plan	PP to develop 7.5 meter wide green belt along the periphery in the safety zone, the mined pits will be created as water reservoirs with all necessary safety provisions.
Disaster management system and risk assessment	PP proposes to provide medical aid facility on the site. DGM approved mine manager will be appointed by the PP.
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
Any other issues related to environmental sustainability	PP to ensure that only manual mining is permitted and no mechanical or other devices shall be used for the purpose. Mining / loading activity should carried out only in in day hours' time.
	Brief information of the project by SEAC

Brief information of the project by SEAC



PP submitted their application for prior Environment Clearance under category 1(a)B2 of the EIA Notification,2006, as amended from time to time for the stone quarry having area of 1.18 ha at Yesemba Gat. No. 304/1, Taluka & District Wardha.

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

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

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

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

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

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

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

DECISION OF SEAC

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

SEAC-1 appraised the proposal on the basis of information submitted by the Project Proponent. The District Mining Officer, Wardha District was present for the meeting.

After detailed deliberations with the PP and officials present in the meeting, SEAC-1 decided to recommend the proposal of prior Environment Clearance subject to the following conditions.

Specific Conditions by SEAC:

1) PP to implement mine closure plan as approved by the competent Authority. PP to provide dry wall of around one meter along with barbed wire fencing to the mining lease area to ensure safety of animals and humans.

2) PP to keep 7.5 meter free safety zone all around the proposed mine area and develop it in to the green belt during coming monsoon season.

3) PP to obtain all necessary NOC's/Permissions from the competent Authority before commencing any work on proposed site.

4) PP to ensure that, the quarrying is proposed above the level of aquifer to avoid the ground water

contamination/degradation of water quality of aquifer. PP to take adequate measures/precautions to avoid contamination /degradation of ground water.

5) PP to ensure no stream is diverted due to proposed quarrying activity.

6) PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise.

7) PP to provide adequate measures to ensure the stability of the benches formed during mining activity to ensure safety of the people.

8) PP to provide adequate channels to guide the rain water to reach the mined pit and to avoid any unforeseen incident.9) PP to adhere to the provisions stipulated Maharashtra Minor Mineral Extraction (Development and Regulation) Rules,

2013, guidelines issued by MoEF&CC and any other legal requirements as applicable to the proposed activity.

10) PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter.

11) PP to ensure that there is no damage to any fauna and its nesting close to the proposed mining area.

12) PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution.

13) No mining shall be carried out in the vicinity of natural/manmade archeological sites.

14) PP to ensure that parking shall not be made on Public roads. Parking shall be on pre decided place only.

15) The stone transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.

16) PP to prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC on 01.05.2018.

17) PP to appoint qualified fore man as a Mine Manager approved by Director General of Mines to ensure safety of the staff/labors appointed at mine site

18) PP to prepare adequate capacity approach roads to the proposed mine area so as to ensure safe plying of the heavy vehicles engaged on mine site for transport of mined material and to avoid any unforeseen accident.

19) District Mining Officer shall submit a certificate of nearest habitation from the proposed mine area.

20) PP to carry out multiple air monitoring on the nearest habitat and agricultural sites to ascertain the impact of air pollution due to proposed mining activity and to provide adequate mitigation measures.

21) PP proposes Jackhammer drilling in proposed quarry. The jackhammer drills produces more noise and do not have inbuilt water injection system. PP to ensure protective measures are provided to reduce noise exposure and dust emission due to drilling and blasting activity.

22) PP to provide movable toilets/ bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to confirm to the standards prescribed by MoEF&CC and CPCB.

23) PP to provide First Aid facility at the proposed mining site.

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FINAL RECOMMENDATION

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

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