157th (A) Meeting of State Level Expert Appraisal Committee (SEAC-1) SEAC Meeting number: 157th (A) Meeting Date November 20, 2018

Subject: Environment Clearance for Environment Clearance for M/s. Bauli India Bakes & Sweets Pvt Ltd. at Plot No. G-146/1, MIDC, Taluka: Baramati, District: Pune, Maharashtra, India

Is a Violation Case: No								
1.Name of Project	Proposed expansion for additional tank of Mounded Bullets for Storage of Propane.							
2.Type of institution	Private							
3.Name of Project Proponent	Mr. Michele Bauli, Mr. Stefano Zancan and Mr. Vinod Kumar Gupta are directors of the company.							
4.Name of Consultant	Green Circle, Inc.							
5.Type of project	Not applicable							
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion							
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	CTE no. Format 1.0/BO/JD (WPC)/UAN No. 000000826/CE/CC-9395 dated 25.07.2016 and Consent To Operate (CTO) no. RO-PUNE/CONSENT/1708000475 dated 11.08.2017.							
8.Location of the project	Plot No. G-146/1, MIDC ,Taluka: Baramati, District: Pune, Maharashtra, India							
9.Taluka	Baramati							
10.Village	Katpal							
Correspondence Name:	Unit No. 201, Second Floor, P-3, Pentagon Towers, Magarpatta City, Pune, Maharashtra , 411028.							
Room Number:	Unit No. 201,							
Floor:	Second Floor							
Building Name:	Pentagon Towers							
Road/Street Name:	Magarpatta City							
Locality:	Magarpatta City							
City:	Magarpatta City, Pune							
11.Area of the project	Additional Maharashtra Industrial Development Corporation (MIDC) Baramati							
	Not Applicable							
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Not Applicable							
	Approved Built-up Area: 34534.50							
13.Note on the initiated work (If applicable)	As per existing CTO (Consent To Operate)							
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable							
15.Total Plot Area (sq. m.)	99664 Sq. m.							
16.Deductions	Not applicable							
17.Net Plot area	Not applicable							
	a) FSI area (sq. m.): Not applicable							
Non-FSI)	b) Non FSI area (sq. m.): Not applicable							
	c) Total BUA area (sq. m.): 34534.50							
	Approved FSI area (sq. m.):							
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.):							
	Date of Approval:							
19.Total ground coverage (m2)	20647.33							
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20.72 %							
21.Estimated cost of the project	245000000							

22.Number of buildings & its configuration

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Serial number	Buildin	ıg Name & n	umber	Nu	mber of floors	Height of the building (Mtrs)		
1	Bldg. No. 1 Work sh	:- Croissant P op with Toilet	Production, Ground floor + add Extra due to 10379.31 + 5056.4 Ht.			10379.31 + 5056.48 (m2)		
2	Bldg	g. No. 2:- Airlo	ock	Ground flo H	Ground floor + add Extra due to Ht. + First floor 7325.56 + 5263.87			
3	Bldg. No. room, Util Cantee	3:- Raw mate ity, Laborator en with Toilet	rial, Cold ry, Office, block	Ground flo Ht. + Firs	Ground floor + add Extra due to Ht. + First floor + Second floor 1276.38 + 638.19 + 11 1158.25 (m2)			
4	Bldg. No. 6	5:- Reception v block	with Toilet		Ground floor	189.53 (m2)		
5		Toilet Block			Ground floor	32.00 (m2)		
6	Nitr	rogen+Co2 St	ore		Ground floor	400.00 (m2)		
7	(Control Room			Ground floor	21.16 (m2)		
8	(Control Room			Ground floor	21.16 (m2)		
23.Number tenants an	r of d shops	Not applicab	ble					
24.Number expected r users	r of esidents /	Not applicab	le			0		
25.Tenant per hectar	density e	Not applicab	ole					
26.Height building(s	of the)							
27.Right o (Width of f from the n station to proposed l	f way the road earest fire the puilding(s)	20 m						
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	9 m	C.F					
29.Existing	J (s) if any	Existing indu	astry (as per	c CTO)				
30.Details demolition disposal (I applicable	of the with f	Not applicab	le					
	5		31.P	roduct	ion Details			
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)		
1	1 Propane storage Mounde facility Nos. X			bullets: 1 1.84 M3	Mounded bullets: 3 Nos. X 71.84 M3	Mounded bullets: 4 Nos. X 71.84 M3 (Capacity: 287.36 M3)		
	32.Total Water Requirement							



		Source of wa	ter	MIDC water supply							
		Fresh water	(CMD):	250							
		Recycled wat Flushing (CM	er - ID):	Not applicat	Not applicable						
		Recycled wat Gardening (C	er - CMD):	Not applicat	ole						
		Swimming po make up (Cu	ool m):	Not applical	ole						
Dry seasor	1:	Total Water Requirement :	(CMD)	Not applical	ble						
		Fire fighting Underground tank(CMD):	- l water	Not applical	ble						
		Fire fighting Overhead wa tank(CMD):	- ter	Not applical	ble			6			
		Excess treate	ed water	Not applicat	ole						
		Source of wa	ter	MIDC water	supply						
		Fresh water	(CMD):	250							
		Recycled wat Flushing (CM	er - ID):	Not applical	ole						
		Recycled wat Gardening (C	er - CMD):	Not applicable							
		Swimming po make up (Cu	ool m):	Not applicable							
Wet seaso	n:	Total Water Requirement :	(CMD)	Not applicable							
		Fire fighting Underground tank(CMD):	- l water	Not applicable							
		Fire fighting Overhead wa tank(CMD):	ter	Not applicable							
		Excess treate	ed water	Not applicable							
Details of pool (If an	Swimming y)	Not applicable	•								
		33.	.Detail	s of Tota	l water co	nsume	dl				
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	50	-	50	-	-	-	50.0	-	50		
Gardening	20	-	20	20	-	20	0.0	-	0.0		
Cooling tower & thermopa ck	20	- 20		15	-	15	5.0	-	5.0		
Industrial Process	160	-	160	65	-	65	95.0	-	95.0		

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	Level wate	l of the Ground r table:	12 m to 15 m bgl					
	Size tank Quan	and no of RWH (s) and htity:	NA					
	Loca tank	tion of the RWH (s):	NA					
34.Rain Water Harvesting	Quan pits:	ntity of recharge	3 nos.					
(RWH)	Size :	of recharge pits	6 m3 each					
	Budg (Cap	jetary allocation ital cost) :	Rs. 15,00,000.00 /-		-9			
	Budg (0 &	jetary allocation M cost) :	-		~0			
	Detai if any	ils of UGT tanks y :	UGWT (water): 300 m3 X 4 no	os. =1200 m	3.			
	Natu drain	ral water age pattern:	Storm water drain line is conn flow is connected to natural w	ected to wat ater flow pa	ter harvesting pits & over th			
drainage	Quan wate	ntity of storm r:	23.4 m3					
	Size	of SWD:	(2 X 2 X 1.5 m3) X 3 nos.					
	Sewage generation in KLD:		50 KLD					
	STP technology:		Domestic waste water will be	treated in ex	isting ETP			
Sewage and	Capacity of STP (CMD):		NA					
Waste water	Location & area of the STP:		NA					
	Budg (Cap	jetary allocation ital cost):	NA					
	Budg (O &	getary allocation M cost):	NA					
1		36.Soli	d waste Managen	nent				
Waste generation in	Wast	e generation:	Construction debris, Waste co bricks etc.	ncrete, meta	illic waste, plastics, broken			
the Pre Construction and Construction phase:	Dispo const debri	osal of the truction waste is:	Construction debris, Waste concrete and broken bricks will be utilized in low-land leveling, secondary concrete, below roads. Some quantity of Excavation soil will be use for back-filling and remaining will be hand over to authorized vendor.					
	Dry v	vaste:	Paper, cardboard, Packing was scrap etc	ste, Wooden	scrap, HDPE bags, Metal			
	Wet	waste:	ETP sludge will be utilized as	a manure for	r gardening purpose.			
Waste generation	Haza	rdous waste:	Spent oil from D.G set.					
in the operation Phase:	Biom appli	edical waste (If cable):	NA					
	STP sludg	Sludge (Dry ge):	NA					
	Othe	rs if any:	NA					
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	Dry waste: Sale to authorized vendors									
		Wet waste	:	will be used for planting purpose						
		Hazardous	waste:	Sold to auth	norized vend	or				
Mode of Disposal of waste: Biomedica applicable		Biomedica applicable	l waste (If):	Not applicable						
		STP Sludg sludge):	e (Dry	Not applica	ble					
		Others if a	ny:	Not applicable						
		Location(s):	Not applica	ble					
Area requirem	ent:	Area for th of waste & material:	e storage other	storage her Not applicable						
		Area for m	achinery:	Not applica	ble					
Budgetary	allocation	Capital cos	st:	Not applica	ble					
(Capital co O&M cost)	ost and C	O & M cos	t:	Not applica	ble					
			37.Ef	fluent C	harecter	estics				
Serial Number	Paran	neters	Unit	Inlet E Charect	ffluent cerestics	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)		
1	р	Η	-	5.0 t	o 9.0	6.5	- 8.5	6.5 - 9.0		
2	Oil & (Grease	mq/l	10	00	<	10	10		
3	Suspend	ed Solids	mq/l	12	50	<	70	100		
4	BOD 3 day	s 27 Deg.C	mq/l	25	00 <		30	30		
5	CC	DD	mq/l	50	00	<2	00	250		
Amount of e (CMD):	effluent gene	eration	150							
Capacity of	the ETP:		150		×					
Amount of t recycled :	reated efflue	ent	135							
Amount of v	water send to	o the CETP:	Not applica	ble						
Membershi	p of CETP (if	f require):	Not applica	ble						
Note on ET	P technology	to be used	Three stage	e Waste Wate	er Treatment	t Plant				
Disposal of	the ETP sluc	lge	ETP sludge	, after comp	osting will be	e used for ga	rdening purj	pose		
		<u> </u>	38.H a	zardous	Waste D	etails				
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	Use	d oil	5.1	Kg/Month	200	-	200	Sold to authorize vendor		
2	Waste/ contair	residue ning oil	5.2	Kg/Month	70	-	70	CHWTSDF		
3	Disca Containe	arded rs/barrels	33.3	Nos.	20	-	20	CHWTSDF		
			39.St	acks em	ission D	etails				
Serial Number	Section	& units	Fuel Us Quar	ed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	D.G set (750KVA)	Diesel (1	50 Kg/hr)	1	18	200	60		

2-00 marsh			Signature:
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2	Boiler-1 & TP	z 2 (2X1.12 PH)	L	PG (10	0 Kg/hr)	1		18	250	60
3	Oven S	Stack-1	L	PG (25	5 Kg/hr)	1		12	300	40
4	Oven S	Stack-2	L	PG (25	ō Kg/hr)	1		12	300	40
5	Oven S	Stack-3	L	PG (25	ō Kg/hr)	1		12	300	40
6	Oven S	Stack-4	L	PG (25	ō Kg/hr)	1		12	300	40
7	Oven S	Stack-5	L	PG (25	ō Kg/hr)	1		12	300	40
			4	0.De	tails of F	uel to	be	used		
Serial Number	Typ	oe of Fuel			Existing]	Proposed		Total
1		Diesel			150 Kg/hr			0.00		150 Kg/hr
2	LPG (I	Boiler-1 & 2)			100 Kg/hr			0.00		100 Kg/hr
3	LPG (C	Oven Stack-1)		25 Kg/hr			0.00		25 Kg/hr
4	LPG (C	Oven Stack-2)		25 Kg/hr			0.00		25 Kg/hr
5	LPG (C	Oven Stack-3)		25 Kg/hr			0.00		25 Kg/hr
6	LPG (C	Oven Stack-4)		25 Kg/hr			0.00	N P	25 Kg/hr
7	LPG (C	Oven Stack-5)		25 Kg/hr			0.00		25 Kg/hr
41.Source	of Fuel			Propa	ane is receiv	ed from re	fine	ry through	LPG Tank	Trucks
42.Mode of	Transportat	tion of fuel to	site	Road	ways					
						6				
		Total RG a	rea :		35186 sq. n	n.				
		No of trees	s to b	e cut	Not applica	ble				
43.Gree	n Belt	Number of be planted	f trees	Phase I + Phase II= 2000 no's of trees (Existing)						
Develop	oment	List of pro native tree	posed s :	d Neem, Gulmohar etc.						
		Timeline for completion plantation	or 1 of :	already planted						
	44.Nu	mber a n c	l list	t of t	rees spe	cies to	be	plante	d in the	ground
Serial Number	Name of	the plant	С	ommon Name Quantity			Charac	teristics & ecological importance		
1	Bauhinia	blakeana	Но	ng Kor Tr	ng Orchid ee		112	2	the Hong legume tro with large pur	g Kong Orchid Tree is a ee of the genus Bauhinia, thick leaves and striking plish red flowers.
2	Callistemon Lanceolatus /Melaleuca citrina		Во	ottle Brush, Red Bottle Brush			145	5	Melale growing more usu (3-10 ft hard, fibu its young g wit	puca citrina is a shrub g to 5 m (20 ft) tall but ally in the range 1-3 m) high and wide. It has rous or papery bark and growth is usually covered h soft, silky hairs.
3	Cassia Javanica ap		ble blo	e blossom tree		141	L	The flower pale pink coloured s open clus the tree is carpet of the	ers range in colour from a to crimson with yellow stamens and are found in sters. The ground under covered with a beautiful pink towards the end of flowering season.	

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4	Cordia Sebestena	Scarlet Cordia	171	A medium sized tree to approximately 10 metres in height that is usually found in sandy or rocky coastal thickets (Correll and Correll 1982). Collections indicate that is also found in scrublands as well as on dry hillsides. It has a high salt tolerance making it suitable to grow in coastal areas. As it is used as an ornamental it is also found in urban areas as a street tree (Brown 2003).
5	Cassia Fistula	Indian laburnum/ Amaltaas	141	A tropical ornamental tree with a trunck consisting of hard reddish wood, growing up to 40 feet tall. The wood is hard and heavy; it is used for cabinet, inlay work, etc.
6	Delonix Regia	Gulmohar	125	Moderate sized fast growing, deciduous tree and light feathery foliage. Leaves bipinnate, at base of leaflet two stipules occur. Flowers appear in corymbs along and at the ends of branches.
7	Jacaranda mimosifolia	jacaranda	170	It is a deciduous tree that grows 25-50' tall in its native habitat.
8	Lagerstroemia Indica	crepe myrtle	170	Flowers, on different trees, are white, pink, mauve, purple or carmine with crimped petals, in panicles up to 9 centimetres (3 1/2 in).
9	Mahogany - Swietenia Mahogany	mahogany/ Honduran mahogany	170	Indian Mahogany grow up to the height of 30 -40 feet. It is fast upright growing tree with abroad rounded symmetrical crown. It is 20 -30 feet in spread.
10	Grevillea robusta	Silver Oak	125	It is a fast-growing evergreen tree, between 18-35 m (59-115 ft) tall, with dark green delicately dented bipinnatifid leaves reminiscent of a fern frond.
11	Spathodea Campanulata	Fountain Tree	165	Flowers are Orange-scarlet coloured, calyx boat-shaped, spathaceous, recurved, covers the flower in bud and then splits on one side and curves back, it has water secreting glands inside and contains water.
12	Bakul Mimusops Elengi	maulsari/ Bakuli/ Spanish cherry	150	Spanish cherry is a lovely green small tree of the Indian subcontinent. With its small shiny, thick, narrow, pointed leaves, straight trunk and spreading branches, it is a prized oranamental specimen because it provides a dense shade and during the months from March to July fills the night air with the delicious heady aroma of its tiny cream colored flowers.



13	Alstonia	tonia Scholaris blackboard tree/ Scho		tree / devil olar Tree	25		Scholar Tree is an elegant evergreen tree, found in most parts of India.	
14	Azadirachta Indica		Neem		190		Neem is native to India and Burma. It is the state tree of Andhra Pradesh. Neem is a fast growing tree that can reach a height of 15-20 m, rarely to 35-40 m.	
45	5.Total qua	ntity of plar	nts on	grou	nd			
46.Nun	nber and	list of s	hrub	s an	d bushes	s species	to be pla	anted in the podium RG:
Serial Number		Name			C/C Dista	nce		Area m2
1		NA			NA			NA
					47.E r	nergy		
		Source of supply :	power		Maharashtr	a State Elect	tricity Distri	bution Co. Ltd. (MSEDCL)
		During Construction Phase: (Demand Load)		Existing electricity will be utilized				
		DG set as Power back-up during construction phase		Existing electricity will be utilized				
Dee		During Op phase (Cor load):	eratio nnecte	n ed	2000 KW			
require	ement:	During Op phase (De load):	eratio mand	n	2500 KVA			
		Transform	er:		2.6 MVA			
		DG set as Power back-up during operation phase:		750 KVA				
		Fuel used:)	Diesel - 157	7		
Details of high tension line passing through the plot if any:			sing ; if	Not Applicable				
		48.Ene	ergy	savi	ng by no	n-conven	tional m	ethod:
Purchase of Constant m Adjusting th	Purchase of energy efficient appliances. Constant monitoring of energy consumption and defining targets for energy conservation. Adjusting the settings and illumination levels to ensure minimum energy used for desired comfort levels.							

Condensate will be recovered and will send back to boiler.

Proper temperature controls will be provided to reduce load on heating systems.

Proper load factor will be maintained by the company. Company will adopt good maintenance practices and will maintain good housekeeping which will help in better illumination levels with least number of fixtures.

On most of roofs transparent acrylic sheets will be provided to use day light and to stop use of lights during day time. LED lamps will be provided, wherever applicable.

To the extent possible and technically feasible, energy efficient equipment will be selected.

Gravity flow will be preferred wherever possible to save pumping energy.

Recycling of water will done

49.Detail calculations & % of saving:

appromess?			Signature: Name: Dr. Umakant Gangetzeo Danget
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Serial Number	Energy Conservation Measures					Saving %			
1			NA			NA			
50.Details of pollution control Systems									
Source	E	xisting poll	ution contro	ol system		Pro	posed to be installed		
Air emission- Boilers, D.G set & Ovens	Adequate	Stack Height ovens , LP	; will be prov G is used as	ided. In boile a fuel	er and		-		
Wastewater - Domestic use & Industrial Use	Industry ETP and	& domestic v l treated wat	vaste water v ær will be us purpose.	wull be treate ed in garden	ed in ing		-		
Noise - Process area, ETP area, Boiler area	The Boiler would be kept in an isolated area to have the ambient noise level as per CPCB standards. The workers would be provided with proper personal protective equipment (PPE) such as ear plugs, ear muffs etc. The DG sets would be enclosed in canopy as well as silencer.						0010		
Solid Waste	Sale to a	uthorized ve	ndor / dispos	sal to CHWTS	SDF		.		
Budgetary (Capital	allocation cost and	Capital cos	st:	NA					
O&M	O&M cost):O & M cost:NA			NA					
51	51.Environmental Management plan Budgetary Allocation								
		a)	Construc	ction pha	se (1	with Break-u	p):		
Serial Number	Attri	butes	Parai	meter		Total Cost p	oer annum (Rs. In Lacs)		
1	Gree develo	n Belt opment	Tree pla	antation		1.0			
2	Dust sup	pression	Water sprin ma	nkling, dust ask		0.5			
3	Enviro Moni	onment toring	Monitoring Air, wat	charges of er, noise		0.5			
4	Occupatio	nal Health	Health chee	ck-up, PPEs			0.5		
		b) Operat	ion Phas	e (w i	ith Break-up):		
Serial Number	Comp	onent	Descr	iption	Сар	ital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Enviro Monitor Manag	nment ring and gement	Enviror Monitori: water,	Environmental Monitoring of Air, water, noise		-	1.0		
2	Occupatio	nal Health	Health Ch workers, P First-aid facility, Pr PPEs to	lth Check-up of ters, Provision of rst-aid medical lity, Provision of PEs to workers		1.0	0.5		
3	Gree	n Belt	Developme Greer	ent of trees, n area		-	8.0		
4	CSR A	ctivity	CSR	works		2.0	-		

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51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)								s/toxic		
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		
Propane storage facility	Existing	Near Amenity		Mounded bullets: 1 Nos. X 71.84 M3	Mounded bullets: 1 Nos. X 71.84 M3	Mounded bullets: 1 Nos. X 71.84 M3	Propane is received from refinery through LPG Tank Trucks	LPG Tank Trucks - by Roadways		
Propane storage facility	Proposed	Near Amenity		Mounded bullets: 3 Nos. X 71.84 M3	Mounded bullets: 3 Nos. X 71.84 M3	Mounded bullets: 3 Nos. X 71.84 M3	Propane is received from refinery through LPG Tank Trucks	LPG Tank Trucks - by Roadways		
52.Any Other Information										
No Information Availab	le									
		53.	Traffi	c Manag	gement					
	Nos. of to the m design of confluer	the junction aain road & of nce:	1 no.							
	Number basemer	and area of nt:	NA							
	Number and area of podia:		NA							
	Total Pa	rking area:	10112							
	Area per	r car:	2.5 X 3 m							
	Area per	r car:	2.5 X 3 m							
Parking details:	Number Wheeler approve compete authorit	Number of 2- Wheelers as approved by competent authority:		Total 2 Wheeler Parking for 400 Two Wheeler						
5	Number Wheeler approve compete authorit	of 4- rs as d by ent y:	Total four wheeler Parking for 30 Vehicles							
	Public T	ransport:	Railwa Service	y Halt At Ka	itpal Railwa	y Station 1.1 K	M City Bus	Transportation		
	Width o roads (n	f all Internal n):	9 m							
	CRZ/ RF obtain, i	Z clearance if any:	NA							



	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	В
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	Not Applicable at this st	age.
Water Budget	Not Applicable at this st	age.
Waste Water Treatment	Not Applicable at this st	age.
Drainage pattern of the project	Not Applicable at this st	age.
Ground water parameters	Not Applicable at this st	age.
Solid Waste Management	Not Applicable at this st	age.
Air Quality & Noise Level issues	Not Applicable at this st	age.
Energy Management	Not Applicable at this st	age.
system and risk assessment	Not Applicable at this st	age.
Landscape Plan	Not Applicable at this st	age.
Disaster management system and risk assessment	Not Applicable at this st	age.
Socioeconomic impact assessment	Not Applicable at this st	age.
Environmental Management Plan	Not Applicable at this st	age.
Any other issues related to environmental sustainability	Not Applicable at this st	age.
	Brief informa	tion of the project by SEAC



PP submitted their application for the grant of TOR under category 6(b)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.

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

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

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

DECISION OF SEAC

PP requested to postpone the case.

Hence, deferred.

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 layout plan showing 33% green belt, adequate internal road width and turning radius required for heavy vehicles, location of emergency equipment, sewage treatment plant, parking areas etc.

3) PP to submit an undertaking for not violating the requirements of EIA Notification 2006 amended time to time.4) PP to submit copy of drawing approved by PESO for the storage of Propane along with compliance of conditions stipulated in the approval letter.

5) PP to carry out HAZOP and QRA to identify the magnitude of any unforeseen incident and submit copy of Disaster Management Plan.

6) PP to submit copy of agreement/MOU made with HPCL for supply of Propane.

7) PP to submit calculation for storm water draining considering the contour plan and maximum rain fall; PP also to submit details of proposed rain water harvesting scheme.

8) PP to submit details of heat recovery in the oven section of the process.

9) PP to submit details of using solar energy in the proposed project and calculation of energy savings.

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

11) 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.

FINAL RECOMMENDATION

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



157th (A) Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 157th (A) Meeting Date November 20, 2018

Subject: Environment Clearance for REVALIDATION OF PRIOR ENVIRONMENTAL CLEARANCE (Environmental Clearance : SEAC 2010/CR-538/TC-2 dated 12.10.2011 Valid till 10.10.2018 vide letter SEAC 2010/CR-504/TC-2 dated 27.02.2017) FOR WADAD QUARTZ/QUARTZITE MINE 14.32 ha VILLAGE :WADAD TEHSIL :GONDIA DISTRICT : GONDIA (MS)

Is a Violation Case: No					
1.Name of Project	WADAD QUARTZ MINE OF M/S GAHRA MINERALS				
2.Type of institution	Private				
3.Name of Project Proponent	ABDUL GAFFAR ABDUL SHAKOOR RANGOONWALA				
4.Name of Consultant	ENVIRO TECHNO CONSULT PRIVATE LTD NAGPUR				
5.Type of project	MINING OF MINERALS				
6.New project/expansion in existing project/modernization/diversification in existing project	REVALIDATION OF PRIOR ENVIRONMENTAL CLEARANCE (Environmental Clearance : SEAC 2010/CR-538/TC-2 dated 12.10.2011 Valid till 10.10.2018 vide letter SEAC 2010/CR-504/TC-2 dated 27.02.2017) FOR WADAD QUARTZ/QUARTZITE MINE 14.32 ha VILLAGE :WADAD TEHSIL :GONDIA DISTRICT : GONDIA (MS)				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NOT APPLICABLE				
8.Location of the project	GUT NO.195 ML AREA 14.31 HA				
9.Taluka	GONDIA				
10.Village	WADAD				
Correspondence Name:	GAHRA MINERALS PROP ABDUL GAFFAR ABDUL SHAKOOR RANGOONWALA				
Room Number:	HABIB NAGAR TEKA NAKA NAGPUR				
Floor:	HABIB NAGAR				
Building Name:	HABIB NAGAR				
Road/Street Name:	TEKA NAKA				
Locality:	HABIB NAGAR				
City:	NAGPUR				
11.Area of the project	GRAMPANCHAYAT AREA				
	ML EXECUTED VIDE 24 MAY 1995				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: SCHEME OF MINING APPROVED VIDE LETTER STC/446/2016-17/374 DATED 12.02.2018				
	Approved Built-up Area: 14.32				
13.Note on the initiated work (If applicable)	PROPOSAL IS FOR REVALIDATION OF PRIOR EC				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NOT APPLICABLE				
15.Total Plot Area (sq. m.)	14.32 HA				
16.Deductions	0				
17.Net Plot area	0				
10 (a) Drop aged Duilt up Area (FSI S	a) FSI area (sq. m.):				
Non-FSI)	b) Non FSI area (sq. m.):				
	c) Total BUA area (sq. m.): 00				
10 (b) Approved Duilt up area as not	Approved FSI area (sq. m.): 00				
DCR	Approved Non FSI area (sq. m.): 00				
	Date of Approval: 24-05-1996				
19.Total ground coverage (m2)	00				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	00				
21.Estimated cost of the project	2500000				

agentimes			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 157th (A) Meeting Date:	Page 13	Dr. Umakant Dangat
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22.Number of buildings & its configuration									
Serial number	Buildin	ig Name & r	umber	Nu	mber of floors		Height of the building (Mtrs)		
1		OFFICE			01		3.5		
23.Number tenants an	r of d shops	0							
24.Number expected r users	r of esidents /	0							
25.Tenant per hectar	density e	0							
26.Height building(s)	of the						0		
27.Right of (Width of the from	f way he road earest fire he wilding(s)	y voad st fire 0							
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation									
29.Existing structure (J s) if any	0							
30.Details demolition disposal (I applicable)	of the with f	0							
			31.P	roduct	ion Detai	ls			
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT	Г/М)	Total (MT/M)		
1	QUARTZ/Q	UARTZITE	83	33	00		8333		
32.Total Water Requirement									



		Source of wa	ter	WATER TAN	IKER							
		Fresh water	(CMD):	4								
		Recycled wat Flushing (CM	er - 1D):	0								
		Recycled wat Gardening (C	er - CMD):	0								
		Swimming po make up (Cu	ool m):	0								
Dry seasor	1:	Total Water Requirement :	: (CMD)	4								
		Fire fighting Underground tank(CMD):	- l water	0								
		Fire fighting Overhead wa tank(CMD):	- ter	0				6				
		Excess treate	ed water	0								
Source of water				WATER TAN	IKER							
		Fresh water	(CMD):	2								
		Recycled wat Flushing (CM	er - 1D):	0								
		Recycled wat Gardening (C	er - CMD):	0								
		Swimming po make up (Cu	ool m):	0								
Wet seaso	n:	Total Water Requirement :	: (CMD)	2								
		Fire fighting Underground tank(CMD):	- l water	0								
		Fire fighting Overhead wa tank(CMD):	ter	0								
		Excess treate	ed water	0								
Details of pool (If an	Swimming y)	NOT APPLICA	BLE									
		33.	.Detail	s of Tota	l water co	nsume	d					
Particula rs Consumption (CMD)			Ι	Loss (CMD)		Eff	fluent (CMD)					
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	2	0	2	2	0	2	0	0	0			

Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 157th (A) Meeting Date: November 20, 2018	Page 15 of 101	Signature: Name: Dr. Umakant Gangatereo Dangat Dr. Umakant Dangat (Chairman SEAC-1)
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	Level of the Ground water table:	30					
	Size and no of RWH tank(s) and Quantity:	2X2X2 CUM					
	Location of the RWH tank(s):	OFFICE					
34.Rain Water Harvesting	Quantity of recharge pits:	01					
(RWH)	Size of recharge pits :	2X2X2 CUM					
	Budgetary allocation (Capital cost) :	50000					
	Budgetary allocation (O & M cost) :	5000					
	Details of UGT tanks if any :	NO UG TANK PROVIDED					
25 Storm under	Natural water drainage pattern:	DRAINAGE PATTERN SOUTH EAST TO NORTH WEST					
drainage	Quantity of storm water:	143200					
	Size of SWD:	1500 X 1 X 1 CUM					
	Sewage generation in KLD:	0					
	STP technology:	NOT APPLICABLE					
Sewage and	Capacity of STP (CMD):	0					
Waste water	Location & area of the STP:	0					
	Budgetary allocation (Capital cost):	0					
	Budgetary allocation (O & M cost):	0					
	36.Soli	d waste Management					
Waste generation in	Waste generation:	0					
and Construction phase:	Disposal of the construction waste debris:	NOT REQUIRED AS MINE IS UNDER OPERATION SINCE 2012					
	Dry waste:	64163 TONNES FOR 5 YEARS					
	Wet waste:	0					
Wasto generation	Hazardous waste:	0					
Waste generation in the operation	Biomedical waste (If applicable):	0					
	STP Sludge (Dry sludge):	0					
	Others if any:	0					



		Dry waste:		saleable, waste generated is temporary in nature will be blended with qood quality ore for grade adjustment purpose as per user industry requirement							
		Wet waste	•	NOT APPLI	CABL	3					
Mode of 1	Disposal	Hazardous	waste:	NOT APPLI	NOT APPLICABLE						
of waste:	-	Biomedica applicable	l waste (If):	NOT APPLI	CABLI	[7]					
		STP Sludg sludge):	e (Dry	NOT APPLI	CABLI	7					
		Others if a	ny:	NOT APPLICABLE							
		Location(s):	SOUTH EA	ST OF	LEAS	E AREA				
Area requirem	ent:	Area for th of waste & material:	e storage other	3000 SQM					~		
		Area for m	achinery:	CRUSHER	INSTA	LLED	AT SOUTH V	WEST			
Budgetary	allocation	Capital cos	st:	2500000							
(Capital co O&M cost)	st and :	O & M cos	t:	100000							
37.Effluent Charecterestics											
Serial Number	Paran	neters	Unit	Inlet E Charect	Effluer teresti	it ics	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)		
1	(C	0		0)	0		
Amount of e (CMD):	unt of effluent generation 0										
Capacity of the ETP: 0											
Amount of t recycled :	reated efflue	ent	0								
Amount of v	vater send to	o the CETP:	0								
Membershij	p of CETP (if	f require):	0								
Note on ET	P technology	v to be used	0								
Disposal of	the ETP sluc	lge	0								
			38.H	azardous	Was	ste D	etails				
Serial Number	Descr	iption	Cat	UOM	Exis	ting	Proposed	Total	Method of Disposal		
1	()	0	0	()	0	0	0		
			39.5	tacks em	issio	n De	etails				
Serial Number	Section	& units	Fuel U Qua	sed with antity	Stacl	k No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	()		0	()	0	0	0		
			40.D	etails of H	Fuel	to be	e used				
Serial Number	Тур	e of Fuel		Existing			Proposed		Total		
1		0		0			0		0		
41.Source of	of Fuel		NOT	APPLICABL	E						
42.Mode of	Transportat	ion of fuel to	site NOT	APPLICABL	E						

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		Total RG area :		1.32 HA			
		No of trees :	to be cut	0			
43.Gree	n Belt	Number of trees to be planted :		500			
Develop	ment	List of prop native tree	posed s :	PEEPAL, N	EEM		
		Timeline for completion plantation	or 1 of :	5 YEARS			
	44.Nu	nber and	l list of t	rees spe	cies to be pla	anted in the ground	
Serial Number	Name of	the plant	Commo	on Name	Quantity	Characteristics & ecological importance	
1	PEE	PAL	PEE	PAL	250	height longevity stability and regeneration capacity these trees are resistant to dust and will be dominent to emission	
2	NE	EM	NE	EM	250	height longevity stability and regeneration capacity these trees are resistant to dust and will be dominent to emission	
45.Total quantity o		ntity of plan	lants on ground				
46.Num	ber and	list of sh	rubs an	d bushes	s species to l	e planted in the podium RG:	
Serial Number		Name		C/C Dista	C/C Distance Area m2		
1	NOT A	APPLICABLE		NOT APPLIC	CABLE	NOT APPLICABLE	
				47.EI	nergy		
	Source of po supply :		oower	MSEDCL			
		During Construction Phase: (Demand Load) DG set as Power back-up during construction phase During Operation phase (Connected load):		0			
				0			
Dee				50 HP			
require	ement:	During Op phase (Der load):	eration nand	50 HP			
		Transform	er:	NO			
		DG set as I back-up du operation j	Power Iring phase:	NO			
		Fuel used:		NO			
	Details of hig tension line through the any:		nigh e passing e plot if	NO HT LIN	E PASSING		
		48.Ene	rgy savi	ng by no	n-convention	nal method:	

age ones			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 157th (A) Meeting Date:	Page 18	Dr. Umakant Dangat
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BEING MINING IS A DAY TIME OPERATION ONLY LIGHTEING ON STREET ARE INSTALLED. THERE ARE10 STREEL LIGHTS ON HAUL ROAD ALL ARE LED

49.Detail calculations & % of saving:									
Serial Number		Energy Co	nservation M	easure	S		Savi	ing %	
1	THERE	ARE10 STR	EET LIGHTS (LL ARE LED	ON HAU	JL ROAD	ENERGY SAVING OF 200 W PER STREET LIGHT DUE TO USE OF LED STREET LIGHT			
		5	0.Details	of po	llution o	control Sy	ystems		
Source Existing pollution control system					tem		Proposed t	o be installe	d
MOBILE WATER TANKER			01					0	
WATER SPRINKLEF	s		03					2	
Budgetary (Canital	allocatio	n Capital o	cost:	10000)				
O&M	cost):	0 & M c	ost:	1000					
51	.Envi	ronmei	ntal Mar	ıage	ement j	plan Bu	dgetary	Alloca	tion
		a) Construc	ction	phase (with Brea	ık-up):		
Serial Number	Att	ributes	Para	meter		Total C	ost per annu	m (Rs. In La	ics)
1	NOT A	PPLICABLE	NOT APP	NOT APPLICABLE NOT APPLICABLE					
			b) Operat	ion P	hase (w	ith Break	-up):		
Serial Number	Con	nponent	Descr	Description		bital cost Rs. In Operation Lacs		ational and Maintenance cost (Rs. in Lacs/yr)	
1	Envir pollut	onmental ion control	SPRIN	SPRINKLERS		1.5		0.5	
2	ENVIRO MON	ONMENTAL TTORING	ENVIRON PARAM	ENVIRONMENT PARAMETERS		00		0.5	
3	GRE	GREEN BELT		GREEN BELT DEVELOPMENT		1.0		0.5	
4	OCCU HEALTH	OCCUPATIONAL HEALTH AND SAFETY		OH MEASURES		0.5		0.2	
5	SOCIO WE ACT	SOCIOECONOMIC WELFARE ACTIVITIES		HEALTH CAMPS SHG CAMP		0.2		0.2	
6	EMISCE	ELLANEOUS	EMER VILLAG	GENCY E WORI	K	0.2 0.2			
51.S	torag	e of ch	emicals	(inf sub	lamab ostance	le/explo es)	osive/ha	zardous	s/toxic
Descrip	tion	Status	Location		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NOT APPLI	CABLE	NOT APPLICABLE	NOT APPLICA	BLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
			52.A	ny O	ther Info	ormation			
No Informa	tion Availa	ıble							

approximation			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 157th (A) Meeting Date:	Page 19	Dr. Umakant Dangat
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	53.Traffic Management					
	Nos. of the junction to the main road & design of confluence:	NOT APPLICABLE				
	Number and area of basement:	NOT APPLICABLE				
	Number and area of podia:	NOT APPLICABLE				
	Total Parking area:	NOT APPLICABLE				
	Area per car:	NOT APPLICABLE				
	Area per car:	NOT APPLICABLE				
Parking details:	Number of 2- Wheelers as approved by competent authority:	NOT APPLICABLE				
	Number of 4- Wheelers as approved by competent authority:	NOT APPLICABLE				
	Public Transport:	NOT APPLICABLE				
	Width of all Internal roads (m):	6М				
	CRZ/ RRZ clearance obtain, if any:	NOT APPLICABLE				
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	12 KM				
	Category as per schedule of EIA Notification sheet	B2 REVALIDATION OF PRIOR EC GRANTED VIDE Environmental Clearance : SEAC 2010/CR-538/TC-2 dated 12.10.2011 Valid till 10.10.2018 vide letter SEAC 2010/CR-504/TC-2 dated 27.02.2017)				
	Court cases pending	NO				
		THIS PROPOSAL IS FOR RENEWAL /REVALIDATION OF PRIOR ENVIRONMENTAL CLEARANCE GRANTED VIDE SEAC 2010/CR-538/TC-2 dated 12.10.2011 Valid till 10.10.2018 vide letter SEAC 2010/CR-504/TC-2 dated 27.02.2017. NO CHAGE IN CAPACITY,ML AREA, TECHNOLOGY, PRODUCTMIX IS PROPOSED.				
	Other Relevant Informations	PROPOSED IS SUBMITTED ON PARIVESH VIDE ACKNOWLEDGEMENT NO SIA/MH/MIN/78497/2018 DATED 11.09.2018 WITH COVER LETTER, FORM 1,PFR,COMPLIACE SUBMITTED TO MPCB FOR PRIOR EC GRANTED,ADDENDUM EIAEMP,MINING PLAN,RISK ASSESSMENT REPORT UNDER CATEGORY B2.				
		REQUEST TO REVALIDATE THE PRIOR ECGRANTED .				
	Have you previously submitted Application online on MOEF Website.	No				
Gress-		Signature:				

append the states			Name: Dr. Uniakant Gangetreo Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 157th (A) Meeting Date:	Page 20	Dr. Umakant Dangat
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	Date of online submission						
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS					
Environmental Impacts of the project	Not Applicable						
Water Budget	Not Applicable						
Waste Water Treatment	Not Applicable						
Drainage pattern of the project	Not Applicable						
Ground water parameters	Not Applicable						
Solid Waste Management	Not Applicable						
Air Quality & Noise Level issues	Not Applicable						
Energy Management	Not Applicable						
Traffic circulation system and risk assessment	Not Applicable						
Landscape Plan	Not Applicable						
Disaster management system and risk assessment	Not Applicable						
Socioeconomic impact assessment	Not Applicable						
Environmental Management Plan	Not Applicable						
Any other issues related to environmental sustainability	Not Applicable						
	Brief informat	ion of the project by SEAC					
PP submitted the propo	sal for revalidation of earli	er EC obtianed vide No. SEAC 2010/CR-538/TC-2 dated 12.10.2011.					
DECISION OF SEAC							
PP was not present for the meeting.							
As the authority for rev	As the authority for revalidation of EC is SEIAA, SEAC decided to forward proposal to the SEIAA.						
Specific Conditions by	y SEAC:						
	FINAL R	RECOMMENDATION					
	Kindly	y find SEAC decision above.					

agger or aness			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 157th (A) Meeting Date:	Page 21	Dr. Umakant Dangat
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157th (A) Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 157th (A) Meeting Date November 20, 2018

Subject: Environment Clearance for New project of manufacturing of synthetic organic chemicals at plot No. D – 14, MIDC Tarapur, Dist: Palghar, Maharashtra by SEYA Industries Ltd.

1.Name of Project	New project for manufacturing of synthetic organic chemicals at Plot No. D-14, MIDC Tarapur, Palghar by SEYA Industries Ltd.				
2.Type of institution	Private				
3.Name of Project Proponent	Mr. Ashok Rajani – Seya Industries Ltd.				
4.Name of Consultant	Mr. Anand Apte - 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	New				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable				
8.Location of the project	Plot No. D-14, MIDC Tarapur, Palghar				
9.Taluka	Palghar				
10.Village	Boiser				
Correspondence Name:	Mr. Ashok Rajani				
Room Number:	502				
Floor:	5th Floor,				
Building Name:	Ghanshyam chambers,				
Road/Street Name:	B-12 Off link road				
Locality:	Andheri (West)				
City:	Mumbai - 400053				
11.Area of the project	Tarapur MIDC				
	Not Applicable				
12.IOD/IOA/Concession/Plan	IOD/IOA/Concession/Plan Approval Number: Not Applicable				
	Approved Built-up Area:				
13.Note on the initiated work (If applicable)	Not Applicable				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable				
15.Total Plot Area (sq. m.)	61760.00 Sq. m				
16.Deductions	Not applicable				
17.Net Plot area	Not applicable				
	a) FSI area (sq. m.): 83300.00				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 5000.00				
	c) Total BUA area (sq. m.): 88300				
	Approved FSI area (sq. m.): Not applicable				
18 (b).Approved Built up area as per	Approved Non FSI area (sq. m.): Not applicable				
DOK	Date of Approval: 14-09-2018				
19.Total ground coverage (m2)	Not applicable				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable				
21.Estimated cost of the project	351000000				

22.Number of buildings & its configuration



Is a Violation Case: No

	Signature:
	Name: Dr. Untakant Gangetreo Dangat
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Serial number Buildin		ıg Name & number		Nu	Number of floors		Height of the building (Mtrs)	
1	Ν	Not applicabl	9	I	Not applicable		Not applicable	
2	Ν	Not applicabl	e	l	Not applicable		Not applicable	
23.Number tenants an	r of d shops	Not applica	ble					
24.Number expected r users	r of esidents /	Not applica	ble					
25.Tenant per hectar	density e	Not applica	ble					
26.Height building(s)	of the							
27.Right of (Width of the from	f way the road earest fire the ouilding(s)	9.00 m					160	
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	9.00 m				50		
29.Existing structure (J s) if any	Not applica	Not applicable					
30.Details demolition disposal (I applicable)	of the with f	Not applicable						
			31. P	roduct	tion Details	6		
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/N	M)	Total (MT/M)	
1	Parace	etamol	Not Ap	plicable	24000 TPA		24000 TPA	
2	Acetic A	nhydride	Not Ap	plicable	24000 TPA		24000 TPA	
3 То		tal	Not Ap	plicable	48000 TPA		48000 TPA	
4 By-Pr		oduct	-	-	-		-	
5 Dilute Ac		cetic Acid	Not Ap	plicable	33000 TPA		33000 TPA	
32.Total Water Requirement								

Abhay Pimparkar (Secretary SEAC-I) SEAC Meeting No: 157th (A) Meeting Date: November 20, 2018	Page 23 of 101	Signature: Name: Dr. Umakant Gangatareo Dangat Dr. Umakant Dangat (Chairman SEAC-I)
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		Source of wa	ater	Not applicable									
		Fresh water	(CMD):	Not applicab	Not applicable								
		Recycled water - Flushing (CMD):			Not applicable								
	Recycled water - Gardening (CMD):			Not applicab	Not applicable								
		Swimming p make up (Cu	ool 1m):	Not applicab	ole								
Dry season: Total Water Requirement (CMD) :			Not applicab	ble									
1		Fire fighting - Underground water tank(CMD):		Not applicable									
		Fire fighting - Overhead water tank(CMD):		Not applicable									
		Excess treat	ed water	Not applicab	Not applicable								
		Source of wa	ater	Not applicab	ole								
		Fresh water	(CMD):	Not applicab	ole								
Recycled water - Flushing (CMD):			Not applicab	Not applicable									
Recycled water - Gardening (CMD):				Not applicab	Not applicable								
Swimming pool make up (Cum):				Not applicab	Not applicable								
Wet season: Total Water Requirement (CMD) :			Not applicat	ble									
		Fire fighting Undergroun tank(CMD):	g - d water	Not applicab	ble								
		Fire fighting Overhead wa tank(CMD):	y- ater	Not applicable									
		Excess treat	ed water	Not applicable									
Details of pool (If an	Swimming y)	Not applicabl	e										
		33	B.Detail	s of Total	water co	onsumed							
Particula rs	Cons	umption (CM	(D)	I	loss (CMD)		Efflu	ient (CMD)					
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total				
Domestic	Not applicable	20.00	20.00	Not applicable	04.00	04.00	Not applicable	16.00	16.00				
Industrial Process	Not applicable	560.00	560.00	Not applicable	(+) 130.50	(+) 130.50	Not applicable	690.50	690.50				
Cooling tower & thermopa ck	Not applicable	1879.00	1879.00	Not applicable	1109.00	1109.00	Not applicable	770.00	770.00				

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Gardening	Not applicable	100.00	100.00	Not applicable	100.00	100.00	Not applicable	00.00	00.00			
Fresh water requireme nt	Not applicable	2559.00	2559.00	Not applicable	1082.50	1082.50	Not applicable	1476.50	1476.50			
		Level of the	Ground									
		water tables	Ground	5 -10 m								
		Size and no tank(s) and Quantity:	of RWH	25 CU.m 1 N	Io Quantity	7 - 26 CMD						
		Location of tank(s):	the RWH	Near raw water tank								
34.Rain V Harvestij	Water	Quantity of pits:	recharge	Not applicab	ole as collect	ed water wil	l be reused.					
(RWH)	-9	Size of rech :	arge pits	Not applicab	ole as collect	ed water wil	l be reused.					
		Budgetary a (Capital cos	allocation st) :	4.00 lacs								
		Budgetary a (O & M cost	allocation	Rs. 15000/ai	nnum	0						
		Details of U if any :	GT tanks	No undergro	ound tanks.							
		L										
	_	Natural wat drainage pa	er ittern:	Proper and separate storm water drains will be provided as per natural slopes.								
35.Storm water drainage		Quantity of water:	storm	By considering maximum intensity 100 mm of rain fall per hr and 0.9 runoff coeff.= 1556.35 m3/hr., 0.43 m3/s								
		Size of SWI):	1 m x 1 m								
		Sewage gen in KLD:	eration	Total: 16.00 CMD								
		STP techno	logy:	Conventional sewage treatment plant of capacity 20.00 CMD will be installed.								
Sewage	and	Capacity of (CMD):	STP	20.00 CMD								
Waste w	ater	Location & the STP:	area of	Near ETP & 20 Sq.m								
	CV	Budgetary a (Capital cos	allocation st):	Rs. 15.00 Lacs.								
		Budgetary a (O & M cost	allocation t):	Rs. 1.60 Lacs./annum								
36.Solid waste Management												
Waste gen	eration in	Waste gene	ration:	Yes. Debris,	construction	metal, exca	vated earth et	с.				
the Pre Co and Constr phase:	nstruction ruction	Disposal of construction debris:	the n waste	Within prem	ises in low ly	ving area						
		Dry waste:		Hazardous Waste: • Discarded drums and containers = 100 nos/month will be sold to authorised dealers Non-Hazardous Waste: • Polyethylene Bags = 2.5 TPA • Paper Bag = 1.5 TPA • Light density polyethylene bag = 1.5 TPA								
		Wet waste:		Hazardous V 44404.00 TF from process 1500.00 TPA	Vaste: • ETP PA • Spent Ca s= 436.00 TP	Sludge = 17 arbon from E PA • Distillat	775.00 TPA • M TP = 262.00 T ion residue fro	AEE salts = TPA • Spent om process =	Carbon =			
Waste ge in the op	neration eration			Hazardous V will be sold t salts = 4440	Vaste: • Disc to authorised 4.00 TPA • S	arded drums l dealers • E Spent Carbor	s and containe TP Sludge = 1 n from ETP = 2	rs = 100 nos 775.00 TPA 262.00 TPA	s/month • MEE • Spent			

		Dry waste:		MPCB authorized party for reuse							
Mode of Disposal of waste:		Wet waste	•	CHWTSDF							
		Hazardous	waste:	CHWTSDF							
		Biomedica applicable	l waste (If):	20 Kg/A							
		STP Sludg sludge):	e (Dry	STP sludge will be used	as manure within premi	ses.					
		Others if a	ny:	Sale to authorized recyc	Sale to authorized recyclers.						
		Location(s	;):	Near ETP area							
Area requirem	ent:	Area for th of waste & material:	ne storage a other	• Hazardous Waste Storage Area = 707.76 Sq.m							
		Area for m	achinery:	Not Applicable							
Budgetary	allocation	Capital co	st:	Rs. 7.5 Lacs.							
(Capital co O&M cost)	st and	O & M cos	t:	Rs. 2700.00 Lacs/A							
			37.Ef	fluent Charecter	estics						
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)					
1	A) High TDS Stream : To Multiple Effect Evaporator		-	-		-					
2	Parameters		Unit	RO rejects	High TDS from process	Treated effluent & condensate from MEE					
3	Flo	OW	m3/day	204.00	500.00	845.00 (704 + 141 steam condensate)					
4	р	Н		7.0 - 8.0	5.0 - 6.0	7.0 - 8.0					
5	CC	DD	mg/L	250 - 300	3000 - 4000	2800 - 3000					
6	TI	DS	mg/L	4000 - 4500	150000 - 200000	< 150					
7	TS	SS	mg/L	< 100	< 100	< 100					
8	B) Low TDS Stream : To ETP Treatment		(Including treated effluent & condensat e from Multiple Effect Evaporato r (845.00 CMD), effluent from acetic anhydride plant (20.00 CMD), utilities blowdown s & other effluent (900.5)).	-	-	-					
9	Paran	neters	Unit	Inlet to Primary	Inlet to Secondary	Discharge to CETP					
10	Fle	ow	m3/day	1765.50 (845 + 920.5)	1765.50	950.00					

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	-										
11	pН		5 to	o 6	7 to	8.5	7 to 8.5				
12	BOD3,270C	mg/L	1200 -	1400	1100 - 1200		60 - 80				
13	COD	mg/L	2400 -	2800	2200 - 2400		100 - 150				
14	TDS	mg/L	100 -	200	1000 -	1200	1000 - 1200				
15	TSS	mg/L	400 -	500	80 -	100	80 - 100				
16	C) From ETP : To RO	-	-		-		-				
17	Parameters	Unit	Inl	.et	Perm	leate	Reject				
18	Flow	m3/day	815	.00	611	.00	204.00				
19	pH		7 to	7.5	7 to	7.5	7 to 7.5				
20	TDS	mg/L	1000 -	1200	< 1	.00	4000 - 4500				
21	COD	mg/L	100 -	150	< 1	.00	7 to 7.5				
Amount of e (CMD):	effluent generation	Industrial -	1460.50 CMI	D Domestic -	16.00 CMD		00				
Capacity of	the ETP:	2120.00 CN	ИD								
Amount of t	created effluent recycled	RO permea recycled.	RO permeate 611 CMD + STP treated water 16 CMD = 627.00 CMD will be recycled.								
Amount of v	water send to the CETP:	Amount of effluent send to the CETP, Tarapur will be 950.00 CMD. Remaining 815.00 CMD effluent will be recycle after proper treatment.									
Membershi	p of CETP (if require):	In process.	In process.								
Note on ET	P technology to be used	condensate alongwith treated effluent, effluent for acetic anhydride plant & utilities blow downs will be fed to full fledge ETP consisting of primary, two stages secondary & tertiary treatment for further treatment. Treated effluent will be collected in the final collection tank. Then 950.00 CMD will be discharge to proposed upgraded CETP. Remaining 815.00 CMD will be fed to RO for further treatment, permeate wil									
Disposal of	the ETP sludge	CHWTSDF		7							
		38.Ha	azardous	Waste D	etails						
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal				
1	Distillation Residue from Process	28.1	TPA	Not Applicable	1500.00	1500.00	To CHWTSDF				
2	ETP Sludge	35.3	TPA	Not Applicable	1775.00	1775.00	To CHWTSDF				
3	MEE salts	35.3	TPA	Not Applicable	44404.00	44404.00	To CHWTSDF				
4	Spent Carbon from ETP	35.3	TPA	Not Applicable	262.00	262.00	To CHWTSDF				
5	Spent Carbon from process	28.3	TPA	Not Applicable	436.00	436.00	To CHWTSDF				
6	Discarded drums & containers	33.1	Nos./Month	Not Applicable	100.00	100.00	MPCB authorised party for reuse				
7	Other waste (E & Battery waste)	-	-	-	-	-	-				
8	E & Battery waste	Not Specified	TPA	Not Applicable	0.5	0.5	sale to authorized recyclers				
9	Non-Hazardous Waste	-	-	-	-	-	-				
	Details				le 5184.00 5184.00						

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11	Light o polyethy	lensity lene bag	No Speci	ot ified	TPA	N Appli	ot icable	1.5	1.5	Reuse/sale to authorized party	
12	Polyethyl	ene Bags	No Speci	ot ified	TPA	N Appli	ot icable	2.5	2.5	Reuse/sale to authorized party	
13	Paper	Bags	No Speci	ot ified	TPA	N Appli	ot icable	1.5	1.5	Scrap Sale	
			3	9.St	tacks em	issio	n De	etails			
Serial Number	Section	& units	Fu	Fuel Used with Quantity		Stacl	« No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Boiler -	35 TPH	C	oal 84	.00 TPD	1		50.00	1.2	125°C	
2	Boiler -	25 TPH	C	oal 60.00 TPD		Combined stack for both Boilers		1.2	125°C		
3	Ketene fur Mkca	rnace – 4.5 al./hr.	F.C)./L.D.O 575.00 Lit./hr		1		30.00	0.4	130°C	
4	DG Set - 2 no	000 KVA 2 os.	H	SD, 8(00 lit/hr.	1		32.00	0.2	140°C	
40.Details of Fuel to be used											
Serial Number	Type of Fuel				Existing			Proposed		Total	
1	Coal			Ν	lot Applicabl	е		144.00 TPD		144.00 TPD	
2	F.	F.O/L.D.O			lot Applicabl	e	5	575.00 Lit./h	r	575.00 Lit./hr	
3	3 HSD			Ν	lot Applicabl	e	8	300.00 Lit/hr		800.00 Lit/hr.	
41.Source of Fuel Local &					& Imported	(Coal)					
42.Mode of	Transportat	ion of fuel to	site	By Ro	bad	×					
		_									
		Total RG a	rea :		20548.00 so	q. m (3	3% of	total plot ar	ea)		
		No of trees	s to be	e cut	Nil						
43.Green Belt Number o		Number of be planted	f trees to 3000.00 No.			os. Trees and Shrubs					
Develop	ment	List of pro native tree	posed es :	osed Banyan, Pipal, Neem, Kadamb, etc.							
		Timeline for completion plantation	or n of :		With the co	nstruc	tion of	f project.			
	44.Nu	mber and	l list	of t	rees spe	cies	to b	e planteo	l in the	ground	
Serial Number	Name of	the plant	Co	ommo	n Name		Qua	ntity	Charact	eristics & ecological importance	
1	Azadirac	htaindica		Ne	em		15	50	Pollution	n resistant and Native	
2	Bauhinia	racemosa		Ap	ota		15	50	Pollution	n resistant and Native	
3	Ficusben	ghalensis		Ban	iyan		15	50	Pollution	n resistant and Native	
4	Ficusre	eligiosa		Pin	npal		15	50	Pollution	n resistant and Native	
5	Cassia	fistula		Ama	altas		15	50	Pollution	n resistant and Native	
6	Azadirac	htaindica		Kadu	neem		15	50	Pollution	n resistant and Native	
7	Plumer	ria alba		Ch	afa		15	0 Pollution		resistant and Native	

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8	Neolamarc	kiacadamba	Kad	amb 150		150	Pollution resistant and Native		
9	Teminalia	tomentosa	А	in		150	Pollution resistant and Native		
10	Lagers spec	troemia ciosa	Tai	man	an 150		Pollution resistant and Native		
11	Bouga spect	invillea cabilis	Boug	Janvel		300	Pollution resistant and Native		
12	Lantana	a camara	Gha	aneri		300	Pollution resistant and Native		
13	Calatrop	isgigentia	R	Rui		300	Pollution resistant and Native		
14	Hibiscus r	osasinensis	Jasv	vand		300	Pollution resistant and Native		
15	Nerium	indicum	Kai	nher		300	Pollution resistant and Native		
45	5.Total qua	ntity of plan	ts on grou	nd					
46.Nun	ıber and	list of sł	nrubs an	d bushes	speci	es to be	planted in the podium RG:		
Serial Number	Serial Name			C/C Distar	ıce		Area m2		
1	Not	Applicable		Not Applica	able		Not Applicable		
			·	47. En	ergy				
		Source of p supply :	power	MSEDCL	MSEDCL				
	During Construction Phase: (Demand Load)		nstruction mand	100 KW		0			
DG set as Powe back-up during construction pl		Power Iring on phase	Not Applical	ole					
D	During Operation phase (Connected load):		16000 KW						
require	wer ement:	During Op phase (Der load):	eration nand	8000 KW					
		Transform	er:	Will be subm	nitted at	the time of I	EIA report		
		DG set as Power back-up during operation phase:		2 Nos of 2.0 MW for each					
		Fuel used:		HSD					
Details of high tension line passing through the plot if any:				No high tension lines are passing through the plot					
	2	48.Ene	rgy savi	ng by nor	n-conv	entional	method:		
Nil									
		49	9.Detail	calculatio	ons &	% of sav	ing:		
Serial Number	E	nergy Cons	ervation M	easures			Saving %		
1		Not	Applicable				Not Applicable		
		50	Details	of polluti	on coi	ntrol Sys	tems		
Source	Ex	isting pollu	tion contro	ol system		I	Proposed to be installed		

ager of the st			Signature: Name: Dr. Umakan Gangetrao Dangat
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Air	Not Applicable					Multi-cyclone followed by Bag filter and Stack of adequate height		
Water	Not Applicable					MEE, ETP & RO		
Noise		Not	Applicable			Acoustic enclosure for DG set		
Solid Waste		Not	Applicable			Di	isposal to CHWTSDF	
Budgetary	allocation	Capital co	st:	2762.00 lac	s.			
(Capital O&M	cost and cost):	O & M cos	:t:	5510.00 lac	s./Ann	um		
51.Environmental Management plan Budgetary Allocation							etary Allocation	
		a)	Construc	ction pha	se (with Break-u	p):	
Serial Number	Attri	butes	Parar	neter		Total Cost p	er annum (Rs. In Lacs)	
1	Dı	ust	Air Po	llution			1.0	
2	Del	bris	Solid	Waste			1.0	
3	Constr equip	ruction oment	Noise P	ollution			0.5	
	b) Operation Phase (with Break-up):							
Serial Number	Comp	onent	Descr	Description		oital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)	
1	Air polluti	on control	Provision of Multi cyclone, Bag filter & Stacks for heating units & Scrubbers			200.00	40.00	
2	Water p con	oollution trol	Multi Effect Evaporator, Effluent Treatment Plant & RO			2550.00	4500.00	
3	Noise p Con	ollution itrol	Acoustic encl./ Ant vibration pads		Alre capit	eady included in tal cost of project	-	
4	Occupatio	onal health	Medical checkup, Health insurance policy, Medical staff charges, First aid facilities, consumable In-house first aid room, Other infrastructure and Equipment			30.00	09.00	
5	Enviror Monitorir	nmental ng budget	Environmental Monitoring				30.00	
6	Hazardo storage &	us waste & disposal	Storage,Transportation anddisposal			12.00	940.00	
7	Green belt Development & Maintenance				08.00	03.00		
51.S	torage	of che	micals	(inflan substa	nab	le/explosiv es)	/e/hazardous/toxic	



Description	Status	Location		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Acetic Acid	Liquid	Near Acetic An plant	hydride	700 T	560.00	2.6	Local	By Road
Ammonia Cylinder	Gas	Near Acetic An plant	hydride	2.4 T	1.92	0.006	Local	By Road
Butyl Acetate	Liquid	Near Acetic An plant	hydride	3.0 T	2.4	0.004	Local	By Road
Para Nitra Chloro Benzene	Liquid	Near Parace plant	tamol	150 T	120.0	2.4	Local	By Road
32 % caustic lye	Liquid	Near Parace plant	tamol	240 T	192.0	1.3	Local	By Road
Hydrogen	Gas	Near Parace plant	tamol	16.7 T	13.36	0.091	Local	By Road
		52.A	ny Ot	her Info	rmation		y	
No Information Availab	le							
		53.	Traffi	c Manag	gement			
	Nos. of the junction to the main road & design of confluence:			Not Applicable				
	Number baseme	and area of nt:	Not Applicable					
Number and area of podia:		Not Applicable						
Total Parking area: Area per car:			7597.5	7 Sq. m				
			Not Ap	plicable				
	Area pe	Area per car:		plicable				
Parking details:	Number of 2- Wheelers as approved by competent authority:		Not Applicable					
C S	Number Wheeler approve compete authorit	Number of 4- Wheelers as approved by competent authority:		Not Applicable				
	Public T	Transport:	Not Applicable					
	Width o roads (r	f all Internal n):	6 m with turning radius of 9 m					
	CRZ/ RF obtain,	RZ clearance if any:	Not Ap	plicable				
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries			h areas with	nin 10 km ra	adius circle.		

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	Category as per schedule of EIA Notification sheet	5 (f) B1
	Court cases pending if any	Nil
		 TOR has been granted in 131st meeting SEAC - I held on 4th August 2016. After detailed study it was observed that due to some error in calculation part, wrong figures were submitted by us to the consultant during TOR application. Hence, now herewith we would like declare that the corrections made in CS against the ToR application and mentioned in approved ToRs are as per actual calculations. Kindly find below the list of data, which has been revised, in CS against ToR application. Sr. No. Parameters At the time of TOR application Changes done after ToR application By- Product quantity 4013 TPA 33000 TPA Area of Green Belt During ToR application green belt was During EIA green belt has been revised proposed as 33% of open space i.e. 10190 Sq. m. as 33% of total plot area i.e. 20548.57 Sq. m. Effluent generation 1297 CMD (1252+45) 1476.5 CMD (1460.5 + 16) (Trade + Domestic) Effluent generation has been revised as per material balance and blow down from 25 TPH boiler which was earlier 10 TPH. 4. Effluent Disposal After treatment effluent disposal was to CETP As
	Other Relevant Informations	new CETP has not been commissioned as unit will run on Zero Liquid discharge basis till commissioning of new CETP. 5. Boiler Capacity 35 TPH X 1 no. & Steam requirement calculations was wrong 10 TPH X 1no. and boiler capacities has been revised as per actual requirement of steam 35 TPH X 1 no & 25 TPH X 1 no 6. Fuel type (Consumption) Imported Coal (132.00 TPD) Imported Coal (144.00 TPD) 7. Stack Height 60 m 50 m 8. Capital cost 323.00 Cr 351.00 Cr 9. Hazardous waste Quantities • Distillation residue: 1642 TPA • Distillation residue: 1500 TPA • Spent carbon from Process: 432.00 TPA • Spent carbon from Process: 436.00 TPA • ETP Sludge: 1130.00 TPA • ETP Sludge: 1775.00 TPA • Spent carbon from ETP: 267.00 TPA • Spent carbon from ETP: 262.00 TPA • MEE Solids : 37800.00 TPA • MEE Solids : 44404.00 TPA
		10. Power Requirement 8149 KW 16000 KW 11. DG Sets 1.750 MW X 1 no. 2.0 MW X 2 no.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	08-07-2016
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS

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

Brief information of the project by SEAC

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.

DECISION OF SEAC

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

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 of articles.
 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

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

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 inlcude rain water harvesting calculations in the EIA report.

7) PP to include details of recycle/reuse of by propducts in the EIA reprot.

8) PP to submit hazardous chemical handling protocol

9) PP to include water and carbon foot print monitoring in the Environment Management Plan.

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

11) 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.



157th (A) Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 157th (A) Meeting Date November 20, 2018

Subject: Environment Clearance for Proposed Construction of Factory on Plot no. A-8 in Ambernath Industrial Area, M.I.D.C. Ambernath, District: Thane, Maharashtra, India by M/s. Sugandh Corporation.

L.Name of Project Environment Clearance for proposed Factory on Plot no. A-8 in Ambernath Industrial Area, M.I.D.C. Ambernath, District: Thane, Maharashtra, India by Mis. Sugandh Corporation. 2.Type of institution Privale 3.Name of Project Proponent Mis. Sugandh Corporation 4.Name of Consultant Uitratech Environment consultancy and laboratory 5.Type of project Industrial Estate 6.New project/repransion in existing project New project 7.Herparsion/diversificatione in existing project Not applicable Project Point A 8, Ambernath Industrial Area, M.I.D.C. Ambernath 9.Jatuka Ambernath 0.Village Ambernath 8.Jocation of the project Piot no. A 8, Anhernath Industrial Area, M.I.D.C. Ambernath 9.Jatuka Ambernath 10.Village Ambernath Correspondence Name: Mr. Deepak A. Naik Room Number: Fals No. A.Q. Wing A.1 Floor: 4th Floor Building Name: Vertex Solitaire Road/Street Name: Bhiwandi Murbad Road Lacality: Kalyan (W) - 421301 City: Kalyan, Wol Arapitophyroral is under Process.	Is a Violation Case: No				
1.Name of Project MLD.C. Ambernah, District: Thane, Maharashitra, India by M/s. Sugandh Corporation. 2.Type of institution Private 3.Name of Project Proponent M/s. Sugandh Corporation 4.Name of Consultant Ultratoch Environment consultancy and laboratory 5.Type of project Industrial Estate 6.New project(repransion in existing project/modernization/diversification, whether environmental clearance has been obtained for existing project New project 7.If expansion/diversification, whether environmental clearance has been obtained for existing project Not applicable 9.Taluka Ambernath 10.Village Ambernath 10.Village Ambernath 10.Village Mr. Deopak A. Naik Room Number: Flat No. 402, Wing A-1 Floor: Hal No. 402, Wing A-1 Building Name: Vertex Solitaire Road/Street Name: Ehivandi Murbad Road Locality: Kalyan, Maharashira, India, 11.Area of the project MiDC Lease Agreement vide no. ROT-2/AMC/A-B/2132 dated 9 October, 2017 for A-8 Plot in MDC. Levox Agreement vide no. ROT-2/AMC/A-B/2132 dated 9 October, 2017.Layout approval is under Process. 13.Note on the inititated work (If applicable No construct		Environment Clearance for proposed Factory on Plot no. A-8 in Ambernath Industrial Area			
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Correspondence Name: Mr. Deepak A. Naik Room Number: Flat No. 402, Wing A-1 Floor: 4th Floor Building Name: Vertex Solitaire Road/Street Name: Bhiwandi Murbad Road Locality: Kalyan (W) - 421301 City: Kalyan (M) - 421301 City: Kalyan (M) - 421301 Murbed Road Murbed Road 1.Area of the project Murbed Road 1.Area of the project Murbed Road Murbed Road 1.Area of the project Muncipal MIDC. Layoub approval is under Process. 100/Cox/Concession/Plan Approval Number: Layout approval is under Process. 1.Approved Built-up Area: 1288.58 No construction work has been started. 14.LO1 / NOC / IOD from MHADA/ Other approvals (ff applicable) No construction work has been started. 15.Total Plot Area (sq. m.) 1612.45 Sq. m 16.Deductions Not applicable 18 (a).Proposed Built-up Area (FSI & b) Not stapplicable 18 (a).Proposed Built up Area (sq. m.): Not applicable a) FSI area (sq. m.): Not applicable 18 (b).Approved Built up area applicable a) FSI area (sq. m.): Not applicable 19.Total ground coverage (m2) 644.29 Sq. m	10.Village	Ambernath			
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Floor:4th FloorBuilding Name:Vertex SolitaireRoad/Street Name:Bhiwandi Murbad RoadLocality:Kalyan (W) - 421301City:Kalyan (W) - 421301City:Kalyan (M) - 42130111.Area of the projectMunicipal12.IOD/IOA/Concession/Plan Approval NumberMIDC lease Agreement vide no. ROT-2/AMC/A-B/2132 dated 9 October, 2017 for A-8 Plot in MIDC. Layout approval is under Process.13.Note on the initiated work (If applicable)No construction work has been started.14.LOI / NOC / IOD from MHADA/ Other approval Stift applicableMIDC lease Agreement vide no. ROT-2/AMC/A-B/2132 dated 9 October, 2017.Layout approval is under Process.15.Total Plot Area (sq. m.)Io12 Las Sa16.(a).Proposed Built-up Area (128 Sg. m16.(b).Approved Built-up Area (sq. m.): Not applicable17.Net Plot areaNot applicable18. (a).Proposed Built-up Area (sq. m.): Not applicable18. (b).Approved Built-up Area (sq. m.): Not applicable18. (b).Approved Built-up Area (sq. m.): Not applicable19. Total ground coverage (m2)644.29 Sq. m20. Ground-coverage Precentage (%) (Note: Percentage of plot not open ossly)Sanga Sg.	Room Number:	Flat No. 402, Wing A-1			
Building Name: Vertex Solitaire Road/Street Name: Bhiwandi Murbad Road Locality: Kalyan (W) - 421301 City: Kalyan (W) - 421301 City: Kalyan (Manashtra, India, 11.Area of the project Municipal MIDC lease Agreement vide no. ROT-2/AMC/A-B/2132 dated 9 October, 2017 for A-8 Plot in MIDC. Layoubapproval is under Process. Approval Number MIDC lease Agreement vide no. ROT-2/AMC/A-B/2132 dated 9 October, 2017 for A-8 Plot in MIDC. Layoubapproval is under Process. 13.Note on the initiated work (If applicable) Notoorstruction work has been started. 14.LO1 / NOC / IOD from MHADA/ Other approvals (If applicable) MIDC lease Agreement vide no. ROT-2/AMC/A-B/2132 dated 9 October, 2017.Layout approval is under Process. 15.Total Plot Area (sq. m.) 1612.45 Sq. m 16.Deductions Not applicable 17.Net Plot area Not applicable 18 (a).Proposed Built-up Area (Sq. m.): Not applicable D) Non FSI area (sq. m.): Not applicable Non -FSI area (sq. m.): Not applicable Approved Non FSI area (sq. m.): Not applicable 18 (b).Approved Built up area as provematic (sp. m.): Not applicable Approved Non FSI area (sq. m.): Not applicable Drate of Approval: 09-10-2017 Date of Approval: 09-10-2017 <th>Floor:</th> <th>4th Floor</th>	Floor:	4th Floor			
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Approved Built-up Area: 1288.5813.Note on the initiated work (If applicable)No Construction work has been started.14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)MIDC lease Agreement vide no. ROT-2/AMC/A-B/2132 dated 9 October, 2017.Layout approval is under Process.15.Total Plot Area (sq. m.)1612.45 Sq. m16.DeductionsNot applicable17.Net Plot areaNot applicable18 (a).Proposed Built-up Area (FSI & Non-FSI)a) FSI area (sq. m.): Not applicable b) Non FSI area (sq. m.): Not applicable c) Total BUA area (sq. m.): Not applicable18 (b).Approved Built up area as per DCRApproved FSI area (sq. m.): Not applicable Approved Non FSI area (sq. m.): Not applicable Date of Approval: 09-10-201719.Total ground coverage (m2)644.29 Sq. m20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)39.95 %21.Estimated cost of the project15700000	Approval Number	IOD/IOA/Concession/Plan Approval Number: Layout approval is under Process.			
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14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)MIDC lease Agreement vide no. ROT-2/AMC/A-B/2132 dated 9 October, 2017.Layout approval is under Process.15.Total Plot Area (sq. m.)1612.45 Sq. m16.DeductionsNot applicable17.Net Plot areaNot applicable18 (a).Proposed Built-up Area (FSI & Non-FSI)a) FSI area (sq. m.): Not applicable b) Non FSI area (sq. m.): Not applicable c) Total BUA area (sq. m.): Not applicable18 (b).Approved Built up area as per DCRApproved FSI area (sq. m.): Not applicable Approved Non FSI area (sq. m.): Not applicable Date of Approval: 09-10-201719.Total ground coverage (m2)644.29 Sq. m20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)39.95 %21.Estimated cost of the project15700000	13.Note on the initiated work (If applicable)	No Construction work has been started.			
15.Total Plot Area (sq. m.)1612.45 Sq. m16.DeductionsNot applicable17.Net Plot areaNot applicable18 (a).Proposed Built-up Area (FSI & Non-FSI)a) FSI area (sq. m.): Not applicable b) Non FSI area (sq. m.): Not applicable c) Total BUA area (sq. m.): Not applicable c) Total BUA area (sq. m.): Not applicable18 (b).Approved Built up area as per DCRApproved FSI area (sq. m.): Not applicable Approved Non FSI area (sq. m.): Not applicable Date of Approval: 09-10-201719.Total ground coverage (m2)644.29 Sq. m20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)39.95 %21.Estimated cost of the project15700000	14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC lease Agreement vide no. ROT-2/AMC/A-B/2132 dated 9 October, 2017.Layout approval is under Process.			
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17.Net Plot areaNot applicable18 (a).Proposed Built-up Area (FSI & Non-FSI)a) FSI area (sq. m.): Not applicable b) Non FSI area (sq. m.): Not applicable c) Total BUA area (sq. m.): Not applicable c) Total BUA area (sq. m.): Not applicable18 (b).Approved Built up area as per DCRApproved FSI area (sq. m.): Not applicable Approved Non FSI area (sq. m.): Not applicable Date of Approval: 09-10-201719.Total ground coverage (m2)644.29 Sq. m20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)39.95 %21.Estimated cost of the project15700000	16.Deductions	Not applicable			
a) FSI area (sq. m.): Not applicable b) Non FSI area (sq. m.): Not applicable c) Total BUA area (sq. m.): Not applicable c) Total BUA area (sq. m.): Not applicable Approved FSI area (sq. m.): Not applicable Approved Non FSI area (sq. m.): Not applicable Date of Approval: 09-10-2017 644.29 Sq. m 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky) 39.95 % 21.Estimated cost of the project	17.Net Plot area	Not applicable			
18 (a).Proposed Built-up Area (FSI & h) Non FSI area (sq. m.): Not applicable Non-FSI) c) Total BUA area (sq. m.): Not applicable 18 (b).Approved Built up area as per DCR Approved FSI area (sq. m.): Not applicable 19.Total ground coverage (m2) 644.29 Sq. m 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky) 39.95 % 21.Estimated cost of the project 15700000		a) FSI area (sq. m.): Not applicable			
c) Total BUA area (sq. m.): 1288.5818 (b).Approved Built up area as per DCRApproved FSI area (sq. m.): Not applicable Approved Non FSI area (sq. m.): Not applicable Date of Approval: 09-10-201719.Total ground coverage (m2)644.29 Sq. m20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)39.95 %21.Estimated cost of the project1570000	18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable			
Approved FSI area (sq. m.): Not applicable Approved FSI area (sq. m.): Not applicable Approved Non FSI area (sq. m.): Not applicable Date of Approval: 09-10-2017 19.Total ground coverage (m2) 644.29 Sq. m 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky) 39.95 % 21.Estimated cost of the project 1570000		c) Total BUA area (sq. m.): 1288.58			
18 (b).Approved Built up area as per DCR Approved Non FSI area (sq. m.): Not applicable Date of Approval: 09-10-2017 Date of Approval: 09-10-2017 19.Total ground coverage (m2) 644.29 Sq. m 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky) 39.95 % 21.Estimated cost of the project 1570000		Approved FSI area (sq. m.): Not applicable			
Date of Approval: 09-10-201719.Total ground coverage (m2)644.29 Sq. m20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)39.95 %21.Estimated cost of the project1570000	18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): Not applicable			
19.Total ground coverage (m2)644.29 Sq. m20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)39.95 %21.Estimated cost of the project1570000		Date of Approval: 09-10-2017			
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)39.95 %21.Estimated cost of the project15700000	19.Total ground coverage (m2)	644.29 Sq. m			
21.Estimated cost of the project 15700000	20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	39.95 %			
	21.Estimated cost of the project	15700000			

22.Number of buildings & its configuration

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Serial number	Building Name & number		number	Number of floors		Height of the building (Mtrs)			
1		1			2	11.5			
23.Number tenants an	r of d shops	Not applicable							
24.Number of expected residents / users		30 persons	30 persons skilled and unskilled workers						
25.Tenant per hectar	density e	Not applica	ble						
26.Height building(s)	of the)								
27.Right o (Width of t from the n station to t proposed h	f way the road earest fire the puilding(s)	24.0 meter	Kalyan Badla	apur road		68			
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	6.00 m							
29.Existing structure (J (s) if any	This is the empty MIDC Plot allotted on lease by Ambernath MIDC.							
30.Details demolition disposal (I applicable	of the with f	Not applicable							
			31.P	roduct	tion Details				
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Silver electroplating additive -A		Not app	Not applicable 0.15 MT/M		0.15 MT/M			
2	Silver electroplating Brightener -B		Not app	applicable 0.075 MT/M		0.075 MT/M			
3	3 Silver Electroplating 3 Pilot Plant For Testing Additive & Brightener		Not app	Not applicable 0.025 MT/M 0.025 MT/M					
32.Total Water Requirement									

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		Source of wa	nter	MIDC						
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		Fresh water	(CMD):	4 m3/day						
		Recycled wa Flushing (Cl	ter - MD):	Fresh water w	vill be used f	for flushing	I			
		Recycled wa Gardening (ter - CMD):	Fresh water will be used for Gardening						
		Swimming p make up (Cu	ool ım):	Not applicable	9					
Dry seasor	1:	Total Water Requiremen :	t (CMD)	4 m3/day						
		Fire fighting Undergroun tank(CMD):	r - d water	5000 Lts						
		Fire fighting Overhead wa tank(CMD):	ı - ater	2000 Lts				0		
		Excess treat	ed water	ZLD is propos	ed by use of	MEE				
		Source of wa	nter	MIDC						
		Fresh water	(CMD):	4 m3/day						
		Recycled water - Flushing (CMD):		Fresh water w	vill be used f	for flushing	1			
		Recycled water - Gardening (CMD):		Fresh water will be used for Gardening						
		Swimming pool make up (Cum):		Not applicable						
Wet seaso	n:	Total Water Requirement (CMD) :		4 m3/day						
		Fire fighting - Underground water tank(CMD):		5000 Lts						
		Fire fighting - Overhead water tank(CMD):		2000 Lts						
		Excess treat	ed water	ZLD is proposed by use of MEE						
Details of pool (If an	Swimming y)	Not applicabl	е							
		33	.Detail	s of Total	water co	nsume	d			
Particula rs	Cons	sumption (CM	ID)	Lo	ss (CMD)		Efflu	uent (CMD))	
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	3 CMD	3 CMD	Not applicable	1 CMD	1 CMD	Not applicable	2 CMD	2 CMD	
Industrial Process	Not applicable	0.7 CMD	0.7 CMD	Not applicable	0.1 CMD	0.1 CMD	Not applicable	0.6 CMD	0.6 CMD	
Gardening	Not applicable	0.2 CMD	0.2 CMD	Not applicable	0.2 CMD	0.2 CMD	Not applicable	0 CMD	0 CMD	

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	Level of the Ground water table:	3.0 meter				
	Size and no of RWH tank(s) and Quantity:	Not proposed				
	Location of the RWH tank(s):	Not proposed				
34.Rain Water Harvesting	Quantity of recharge pits:	Not proposed				
(RWH)	Size of recharge pits :	Not proposed				
	Budgetary allocation (Capital cost) :	Not applicable				
	Budgetary allocation (O & M cost) :	Not applicable				
	Details of UGT tanks if any :	UG tank 10000 Lts is proposed at ground level as per requirement of building.				
	Natural water drainage pattern:	North to South				
drainage	Quantity of storm water:	0.03 cum/sec				
	Size of SWD:	600 mm X 600 mm				
	•					
	Sewage generation in KLD:	2.6 KLD				
	STP technology:	Septic tank and Soak Pit proposed for 0.75 KLD flush water				
Sewage and	Capacity of STP (CMD):	Not Proposed				
Waste water	Location & area of the STP:	Not applicable				
	Budgetary allocation (Capital cost):	Not applicable				
	Budgetary allocation (O & M cost):	Not applicable				
	36.Soli	d waste Management				
Waste generation in	Waste generation:	4 Kg/day				
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	9 Kg/day				
	Dry waste:	6 Kg/day				
	Wet waste:	3 Kg/day				
X47	Hazardous waste:	25 kg /month ETP Sludge category 35.3				
in the operation Phase	Biomedical waste (If applicable):	Not applicable				
1 11030.	STP Sludge (Dry sludge):	Not applicable				
	Others if any:	Not applicable				



Mode of Disposal of waste:		Dry waste:		Segregated at site and will be handover to authorised dealer					
		Wet waste	:	Segregated at site and will be treated in compost pit					
		Hazardous	waste:	Membership of CHWTSDF will be taken and will be disposed through them					
		Biomedica applicable	l waste (If):	Not applicable					
		STP Sludg sludge):	e (Dry	Not applica	ble				
		Others if a	ny:	Not applica	ble				
		Location(s):	Within Fact	ory Boundry	r			
Area requirem	ent:	Area for the storage of waste & other material:		100 sq.ft				0	
		Area for m	achinery:	Not applica	ble				
Budgetary	allocation	Capital cos	st:	1.0 lakh					
(Capital co O&M cost)	st and :	O & M cos	t:	0.2 lakhs/ai	nnum				
			37.Ef	fluent C	harecter	estics			
Serial Number	Paran	neters	Unit	Inlet E Charect	ffluent cerestics	Outlet 1 Charect	Effluent cerestics	Effluent discharge standards (MPCB)	
1	р	Н	-	4.0		Zero liquid Discharge is proposed		ZLD /100% recycled is mentioned in Consent order	
2	CO	DD	mg/lit	5000-6000		Zero liquid Discharge is proposed		ZLD /100% recycled is mentioned in Consent order	
3	ВС	DD	mg/lit	2500		Zero liquid Discharge is proposed		ZLD /100% recycled is mentioned in Consent order	
4	S	S	mg/lit	150-200		Zero liquid Discharge is proposed		ZLD /100% recycled is mentioned in Consent order	
5	TI	DS	mg/lit	1000-1500		Zero liquid Discharge is proposed		ZLD /100% recycled is mentioned in Consent order	
Amount of e (CMD):	effluent gene	eration	0.6						
Capacity of	the ETP:		1.0 CMD	0 CMD					
Amount of t recycled :	reated efflue	ent	ZLD is prop	LD is proposed through MEE					
Amount of v	vater send to	o the CETP:	Not applicable						
Membershij	p of CETP (if	require):	Not applica	ot applicable					
Note on ET	P technology	to be used	ZLD is prop	osed throug	h MEE				
Disposal of	the ETP sluc	lge	25 kg/ M w	ill be dispose	ed through C	HWTSDF			
			38.Ha	zardous	Waste D	etails			
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal	
1	ETP S	ludge	35.3	kg/M	Not applicable	25	25	CHWTSDF	
39.St				acks em	ission De	etails			

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Serial Number	Section & units		Fuel Us Qua	sed with ntity	ed with htity Stack No.		Internal diameter (m)	Temp. of Exhaust Gases
1	process ve electrop	ent 9 silver blating -B	Not ap	plicable	1	5.0	0.3	Not applicable
			40.De	tails of H	fuel to b	e used		
Serial Number	Тур	pe of Fuel		Existing		Proposed		Total
1	Not	applicable	1	Not applicabl	le l	Not applicabl	e	Not applicable
41.Source of	of Fuel		Not a	applicable	·		•	
42.Mode of	Transportat	tion of fuel to site	Not a	applicable				
				_				<u> </u>
		Total RG area	•	540.0 sq.m ²	t (33.48%)			
		No of trees to :	be cut	Nil				
43.Gree	n Belt	Number of tre be planted :	es to	26.0				
Develop	ment	List of propos native trees :	st of proposed tive trees :		fera, Mangif 1s dulcis,Nyo Mimusops el	era Indica,Sa ctanthes arbo engi,Azadira	araca asoca,I ortritis,Miche cta indica	Delonix regia elia
	Timeline for completion of plantation :			Before start of Production				
	44.Nu	mber and li	st of I	trees spe	cies to b	e plante	d in the g	ground
Serial Number	erial Name of the plant Co			on Name	Qua	ntity	Characte	eristics & ecological
								Importance
1	Cocos 1	nucifera	Сос	onut		ō	Kalpavrik	sha, Ornamental Tree
1 2	Cocos 1 Mangife	nucifera ra Indica	Coc Ma	onut ngo		5 2	Kalpavrik Fruit bear	importance isha, Ornamental Tree ing tree, attracts birds
1 2 3	Cocos 1 Mangife Saraca	nucifera ra Indica a asoca	Coc Ma As	onut ngo hok		5 2 3	Kalpavrik Fruit bear E	importance isha, Ornamental Tree ing tree, attracts birds vergreen tree
1 2 3 4	Cocos i Mangife Saraca Delonix r	nucifera ra Indica a asoca egia Rafin	Coc Ma As Guln	onut ngo hok nohar		5 2 3 2	Kalpavrik Fruit bear E Fl	importance isha, Ornamental Tree ing tree, attracts birds vergreen tree lowering plant
1 2 3 4 5	Cocos i Mangife Saraca Delonix r Prunus	nucifera ra Indica a asoca egia Rafin s dulcis	Coc Ma As Guln Alm	onut ngo hok nohar nond		5 2 3 2 2	Kalpavrik Fruit bear E Fl	importance isha, Ornamental Tree ing tree, attracts birds vergreen tree lowering plant Edible
1 2 3 4 5 6	Cocos n Mangife Saraca Delonix r Prunus Nyctanthes	nucifera ra Indica a asoca egia Rafin s dulcis s arbortritis	Coc Ma As Guln Alm Pari	onut ngo hok nohar nond jatak		5 2 3 2 2 2 3	Kalpavrik Fruit bear E Fl Fl Flowers attractive k large sh	Importance Isha, Ornamental Tree ing tree, attracts birds vergreen tree lowering plant Edible s scented, small and plooms in nightTree is rub & provides good shade.
1 2 3 4 5 6 7	Cocos n Mangife Saraca Delonix r Prunus Nyctanthes Michelia	nucifera indica	Coc Ma As Guln Alm Pari Cha	onut ngo hok nohar nond jatak		5 2 3 2 2 3 2 3 2 2 3 2	Kalpavrik Fruit bear E Flowers attractive h large sh Evergree	Importance Isha, Ornamental Tree ing tree, attracts birds vergreen tree lowering plant Edible s scented, small and plooms in nightTree is rub & provides good shade. n tree, Flowering and ornamental
1 2 3 4 5 6 7 8	Cocos n Mangife Saraca Delonix r Prunus Nyctanthes Michelia	nucifera indica	Coc Ma As Guln Alm Pari Cha Ba	onut ngo hok nohar nond jatak umpa kul		5 2 3 2 2 2 3 3 2 2 3	Kalpavrik Fruit bear E Fl Fl Flowers attractive k large sh Evergree Dense cano -sacred	Importance sha, Ornamental Tree ing tree, attracts birds vergreen tree lowering plant Edible s scented, small and blooms in nightTree is rub & provides good shade. n tree, Flowering and ornamental py provides cool shade. tree among hindus.
1 2 3 4 5 6 7 8 9	Cocos n Mangife Saraca Delonix r Prunus Nyctanthes Michelia Mimuso Azadirac	nucifera ra Indica a asoca egia Rafin s dulcis s arbortritis champaca ps elengi	Coc Ma As Guln Alm Pari Cha Ba Ne	onut ngo hok nohar nond jatak umpa kul eem		5 2 3 2 2 3 2 3 4	Kalpavrik Fruit bear E Fl Flowers attractive h large sh Evergree Dense cance -sacred -Fast groo 15-20 m antibact activities	Importance Isha, Ornamental Tree ing tree, attracts birds vergreen tree lowering plant Edible s scented, small and plooms in nightTree is rub & provides good shade. In tree, Flowering and ornamental py provides cool shade. tree among hindus. wing tree grows up to height -Neem having terial and antifungal -Used to control pests.
1 2 3 4 5 6 7 8 9 9	Cocos n Mangife Saraca Delonix r Prunus Nyctanthes Michelia Mimuso Azadirac	nucifera ra Indica a asoca egia Rafin s dulcis s arbortritis champaca ps elengi cta indica	Coc Ma As Guln Alm Pari Cha Ba Ne	onut ngo hok nohar nond jatak impa kul eem		5 2 3 2 2 3 2 3 4	Kalpavrik Fruit bear E Fl Flowers attractive h large sh Evergree Dense cano -sacred -Fast grov 15-20 m antibact activities	Importance Isha, Ornamental Tree ing tree, attracts birds vergreen tree lowering plant Edible s scented, small and plooms in nightTree is rub & provides good shade. In tree, Flowering and ornamental py provides cool shade. tree among hindus. wing tree grows up to height -Neem having terial and antifungal -Used to control pests.
1 2 3 4 5 6 7 8 9 9 45 .Nun	Cocos n Mangife Saraca Delonix r Prunus Nyctanthes Michelia Mimuso Azadirac	nucifera indica	Coc Ma As Guln Alm Pari Cha Ba Ne bs an	onut ngo hok nohar nond jatak mpa kul eem nd d bushes	s species	5 2 3 2 2 3 3 4 4 to be pl	Kalpavrik Fruit bear E Flowers attractive h large sh Evergree Dense cano -sacred -Fast grov 15-20 m antibact activities	Importance Isha, Ornamental Tree ing tree, attracts birds vergreen tree lowering plant Edible s scented, small and plooms in nightTree is rub & provides good shade. In tree, Flowering and ornamental py provides cool shade. tree among hindus. wing tree grows up to height -Neem having terial and antifungal -Used to control pests. the podium RG:
1 2 3 4 5 6 7 8 9 9 45 46.Nun Serial Number	Cocos n Mangife Saraca Delonix r Prunus Nyctanthes Michelia Mimuso Azadirac 5.Total quan	nucifera indica	Coc Ma As Guln Alm Pari Cha Ba Ne m grou	onut ngo hok nohar nond jatak impa kul eem nd c/C Dista	s species	5 2 3 2 2 3 3 4 4 to be pl	Kalpavrik Fruit bear E Flowers attractive h large sh Evergree Dense cano -sacred -Fast gro 15-20 m antibact activities anted in Area	Importance Isha, Ornamental Tree ing tree, attracts birds vergreen tree lowering plant Edible s scented, small and plooms in nightTree is rub & provides good shade. In tree, Flowering and ornamental opy provides cool shade. tree among hindus. wing tree grows up to height -Neem having terial and antifungal -Used to control pests. the podium RG: a m2

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47.Energy								
		Source of power supply :	MSEDCL					
		During Construction Phase: (Demand Load)	50 KW					
		DG set as Power back-up during construction phase	Not applica	ble				
Pov	vor	During Operation phase (Connected load):	60 KW					
require	ement:	During Operation phase (Demand load):	50 KVA		68			
		Transformer:	Not applica	ble				
		DG set as Power back-up during operation phase:	Not applica	ble				
		Fuel used:	Not applica	ble				
		Details of high tension line passin through the plot if any:	g Not applicat	ble	000			
	48.Energy saying by non-conventional method:							
Energy Effic	cient motors	and Energy Efficient	lighting is prop	osed in	Factory			
		49.Deta	il calculati	ons &	x % of saving:			
Serial Number	Е	nergy Conservation	Measures	Y	Saving %			
1	Energy Effi	cient Motors and Ene in whole factory l	rgy Efficient lig ayout	Efficient lighting 10%				
		50.Detai	s of polluti	on c	ontrol Systems			
Source		Existing pollution co	ontrol system		Proposed to be installed			
Effluent from Industrial Process	m	Not applica	ble	ETP with MEE				
Sewage		Not applica	ble		Septic Tank and Soak pit			
process ven 9 silver electroplatin -B	ıt ng	Not applica	ble		Scrubber with 5.0 meter height Stack			
Budgetary	allocation	Capital cost:	3.0 lakhs					
O&M	cost and cost):	O & M cost:	0.5 lakhs					
51	.Enviro	onmental M	anageme	nt p	lan Budgetary Allocation			
		a) Constr	ruction pha	se (v	vith Break-up):			
Serial Number	Attri	butes Pa	rameter		Total Cost per annum (Rs. In Lacs)			
1	Dust o	control Wat Sup	er for Dust peression		0.2			

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2	Site Sanitation	Septic tank		0.3
3	Environmental Monitoring	For Air, Water, soil and Noise anlaysis from MoEF accredited lab		1.3
4	Disinfection at site	use of Disinfectants		0.2
5	Health Check up of Workers	Occupational Safety		1.0
6	DMP Cost	Safety at site		0.5
	b) Operation Phas	e (with Break-up):
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	Scrubber and vent	0.6	0.2
2	Water Pollution Control	ETP with MEE for industrial Effluent along with septic tank and soak pit for sewage	6.0	1.5
3	Noise Pollution Control	Noise barrier and energy efficient less noisy motors	1.2	0.3
4	Solid waste management	ETP sludge disposal through CHWTSDF and Composting	1.0	0.2
5	Environment Monitoring	Air, Water, Noise, Soil Through MoEF lab		1.0
6	Occupational Health	Worker's Health monitoring	1.0	0.3
7	Green Belt	Tree plantation and maintenance	0.5	0.3
8	Energy saving	Energy Efficient Motors and Energy Efficient lighting	3.0	0.5
51.S	torage of che	micals (inflan	nable/explosiv	/hazardous/toxic

substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumptio n / Month in MT	Source of Supply	Means of transportatio n	
Hydrochloric Acid	Hazardous	Raw Material Storage Area	0.400	0.5	0.4	Local Vendors	By Road	
Sulphuric Acid	Hazardous	Raw Material Storage Area	0.02	0.1	0.02	Local Vendors	By Road	
CDS	inflammable	Raw Material Storage Area	0.2	0.4	0.2	Local Vendors	By Road	
Formaldehyde	Hazardous	Raw Material Storage Area	0.03	0.1	0.05	Local Vendors	By Road	
	52.Any Other Information							

No Information Available



53.Traffic Management						
	Nos. of the junction to the main road & design of confluence:	9.0 meter internal road meets	24.0 meter kalyan Badlapur road.			
	Number and area of basement:	Not applicable				
	Number and area of podia:	Not applicable				
	Total Parking area:	192.0 sq.mt (12.0 %)				
	Area per car:	18.0 sq.mt				
	Area per car:	18.0 sq.mt				
Parking details:	Number of 2- Wheelers as approved by competent authority:	5.0	68			
	Number of 4- Wheelers as approved by competent authority:	8.0				
	Public Transport:	Bus, Share Rickshaw and Rail	way transport is easily available			
	Width of all Internal roads (m):	6.0				
	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) B2				
	Court cases pending if any	No				
	Other Relevant Informations	EIA is not required as project is under B-2 category & is in Ambernath MIDC area (i.e in notified Industrial Area) Hence Public hearing is not applicable. Project will be assessed base on application form-1 and prefeasibility report				
	Have you previously submitted Application online on MOEF Website.	No				
	Date of online submission	-				
SEAC	DISCUSSION	ON ENVIRONME	ENTAL ASPECTS			
Environmental Impacts of the project	Not Applicable					
Water Budget	Not Applicable					
Abhay Pimparkar (Secre SEAC-I)	etary SEAC Meeting Nor	No: 157th (A) Meeting Date: Jember 20, 2018	Page 43 of 101 Signature: Name: Dr. Umakant Gaugetazo Dangat Dr. Umakant Dangat (Chairman SEAC-I)			

Waste Water Treatment	Not Applicable						
Drainage pattern of the project	Not Applicable						
Ground water parameters	Not Applicable						
Solid Waste Management	Not Applicable						
Air Quality & Noise Level issues	Not Applicable						
Energy Management	Not Applicable						
Traffic circulation system and risk assessment	Not Applicable						
Landscape Plan	Not Applicable						
Disaster management system and risk assessment	Not Applicable						
Socioeconomic impact assessment	Not Applicable						
Environmental Management Plan	Not Applicable						
Any other issues related to environmental sustainability	Not Applicable						
Brief information of the project by SEAC							
PP submitted their appl issued by MoEF&CC da	PP submitted their application for the grant of prior Environment Clearance under category 5(f)B2 as per Notification						

DECISION OF SEAC

After detailed deliberatin with the PP, SEAC decided to defer the proposal till PP submit compliance of following points,

Specific Conditions by SEAC:

1) PP to submit justification along with credible documents showing the proposal submitted can be considered under category "B2" of the EIA Notification.

2) PP to submit permission obtained from competent authority for water supply along with its quantity.

3) PP to submit justification to establish that the proposed project/activity does not fall in the MAH units as per the Management, Storage and Import of Hazardous Chemicals Rules, 1989

4) 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.

5) PP to submit detailed manufacturing process along with material balance, water balance, waste generation etc.

6) PP to submit list of all raw materials along with its daily consumption quantities.

7) 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.

8) PP to submit Environment Management Plan.

FINAL RECOMMENDATION

 $\ensuremath{\mathsf{SEAC}}\xspace{-}\ensuremath{\mathsf{I}}$ decided to defer the proposal. Kindly find $\ensuremath{\mathsf{SEAC}}\xspace$ decision above.



157th (A) Meeting of State Level Expert Appraisal Committee (SEAC-1) SEAC Meeting number: 157th (A) **Meeting Date** November 20, 2018

Subject: Environment Clearance for Renewal of existing Environmental Clearance Is a Violation Case: No **1.Name of Project** M/s. Mazda Colours Ltd. 2.Type of institution Private **3.Name of Project Proponent** Mr. Dhiren Mehta Building Environment (India) Pvt. Ltd. Mumbai - 400 614 4.Name of Consultant **5.Type of project** Not applicable 6.New project/expansion in existing project/modernization/diversification Existing in existing project 7.If expansion/diversification. whether environmental clearance NA, it is renewal of existing Environmental Clearance has been obtained for existing project Plot 121/1, Dhatav MIDC, Roha, Raigad, Maharashtra 8.Location of the project Roha 9.Taluka 10.Village Dhatav Mr. Dhiren Mehta [Whole Time Director] **Correspondence Name: Room Number:** NA Floor: NA **Building Name:** N.K.M International House, **Road/Street Name:** 178, Backbay Reclamation, Babubhai Chinai Marg Locality: NA City: Mumbai - 400 020 **11.Area of the project** Dhatay MIDC approved plan No. NO/DE/RH/IFMS -A27180 of 14 dated 24.01.2014 12.IOD/IOA/Concession/Plan IOD/IOA/Concession/Plan Approval Number: NO/DE/RH/IFMS -A27180 of 14 Approval Number Approved Built-up Area: 17077.70 13.Note on the initiated work (If 17077.70 As per sanctioned plan applicable) 14.LOI / NOC / IOD from MHADA/ NA Other approvals (If applicable) 15.Total Plot Area (sq. m.) 33970 **16.Deductions** 0 **17.Net Plot area** 33970 a) FSI area (sq. m.): 18 (a).Proposed Built-up Area (FSI & b) Non FSI area (sq. m.): Non-FSI) c) Total BUA area (sq. m.): 19000 Approved FSI area (sq. m.): 18 (b).Approved Built up area as per Approved Non FSI area (sq. m.): DCR Date of Approval: 24-01-2014 19.Total ground coverage (m2) 9473.10 20.Ground-coverage Percentage (%)

22.Number of buildings & its configuration

(Note: Percentage of plot not open

21.Estimated cost of the project

to sky)

27.879

1578175000

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



1		NA			NA	NA				
23.Number tenants an	r of d shops	NA								
24.Number expected r users	r of esidents /	167								
25.Tenant per hectar	density e	NA								
26.Height building(s)	of the)									
27.Right o (Width of t from the n station to proposed b	f way the road earest fire the building(s)	24.5m	5m							
28.Turning for easy ac fire tender movement around the excluding for the pla	rning radius sy access of ender ment from all 9m d the building ding the width e plantation									
29.Existing structure	J (s) if any	As per sanc	per sanctioned plan							
30.Details demolition disposal (I applicable	30.Details of the demolition with disposal (If applicable)									
			31.P	roduct	ion Details					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)				
1	Mazcol C (Coj Phthaloo	rude Blue oper cyanine)	10	00	0	1000				
2	Mazcol E (Alpha	Blue 15.0 Blue)	25	50	0	250				
3	Mazcol E (Beta	Blue 15.3 Blue)	30)0	0	300				
4	Mazcol G	Green 706	25	50	0	250				
5	Mazcol I Green o	Blue and colorant	20	00	0	200				
6	Mazcol I	RMB 650	12	25	0	125				
7	Mazcol M	1CF 5000	10	00	0	100				
8	Dil. Sulph [By.Pr	nuric Acid oduct]	1	0	1490	1500				
9	Dilute Hye Acid[By.	drochloric Product]	1	0	0	10				
10	Aluminum Solution[B	n Chloride y.Product]	8	0	0	80				
11	Ammonium Solution[B	Carbonate y.Product]	()	1200	1200				
10	Ammo	onium	O 1200 1200 um 0 500 500							

 Abhay Pimparkar (Secretary SEAC-I)
 SEAC Meeting No: 157th (A) Meeting Date: Name: Dr. Umakant Gangetreo Dangat Dr. Umakant Dangat (Chairman SEAC-I)

	32.Total Water Requirement										
		Source of wa	ter	MIDC							
		Fresh water	(CMD):	3390							
		Recycled wat Flushing (CM	er - ID):	0							
		Recycled wat Gardening (C	er - CMD):	30	30						
		Swimming po make up (Cu	ool m):	0							
Dry seasor	1:	Total Water Requirement :	: (CMD)	3420							
		Fire fighting Underground tank(CMD):	- I water	500				60			
		Fire fighting Overhead wa tank(CMD):	- ter	0							
		Excess treate	ed water	3066							
		Source of wa	ter	MIDC			3				
Fresh water (CMD):			(CMD):	3390							
Recycled water - Flushing (CMD):				0							
		Recycled wat Gardening (C	er - CMD):	0							
		Swimming po make up (Cu	ool m):	0							
Wet seaso	n:	Total Water Requirement :	: (CMD)	3390							
		Fire fighting Underground tank(CMD):	- l water	500							
		Fire fighting Overhead wa tank(CMD):	ter	0							
		Excess treate	d water	3066							
Details of pool (If an	Swimming y)	NA									
	CV	33	.Detail	s of Total	water co	nsume	d				
Particula rs	Cons	sumption (CM	D)	I	loss (CMD)		Eff	luent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	30	0	30	5	0	5	25	0	25		
Industrial Process	3210	0	3210	75	0	75	3135	0	3135		
Cooling tower & thermopa ck	150	0	150	150	0	150	0	0	0		

1-000 aneres			Signature:
CEC P			Name: Dr. Umakant Gangetreo Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 157th (A) Meeting Date:	Page 47	Dr. Umakant Dangat
SEAC-I)	November 20, 2018	of 101	(Chairman SEAC-I)

Gardening	30	0	30	30	0	30	0	0	0		
Fresh water requireme	3390	0	3390	260	0	260	3160	0	3160		
nt											
Level of the Ground water table:		8-10									
		Size and no c tank(s) and Quantity:	of RWH	NA							
		Location of t tank(s):	he RWH	NA							
34.Rain V Harvestii	Water ng	Quantity of r pits:	echarge	1				6			
(RWH)	5	Size of recha :	rge pits	3mx3mx3m							
		Budgetary al (Capital cost	location) :	50 Lakh							
		Budgetary al (O & M cost)	location :	5Lakh							
		Details of UG if any :	T tanks	500m3							
Natural water drainage pattern:			Yes								
35.Storm drainage	water	Quantity of s water:	torm	411m3/hr							
		Size of SWD:		600mm							
		Sewage gene in KLD:	ration	25							
		STP technolo	gy:	MBBR							
Sowago	and	Capacity of S (CMD):	ТР	1 x 40CMD							
Waste w	ater	Location & a the STP:	rea of	Near Amenity Building							
		Budgetary al (Capital cost	location):	n 20 Lakh							
	GY	Budgetary al (O & M cost)	location :	1 Lakh							
		36	Soli	d waste	Manag	emen	t				
Waste gen	eration in	Waste genera	ation:	0							
the Pre Co and Constr phase:	nstruction ruction	Disposal of th construction debris:	he waste	NA							
		Dry waste:		Dry Waste - waste mater Scrap & me	28kg/day, Cola rial, waste glas tal Scrap - 150	a Ash - 6M s bottles, MTD	TD, Waste Pa glass wares,	aper, Card Boa waste plastic F	ords, PVC		
		Wet waste:		23kg/day							
Waste ge	neration	Hazardous w	aste:	As per point	number 45						
Phase:	eration	Biomedical w applicable):	vaste (If	NA							
		STP Sludge (sludge):	Dry	36MT/A							
		Others if any	•	NA							

Dry waste: Sold to authorized Recycl							ler				
		Wet waste	•	Shall be handed over to recycler							
		Hazardous	waste:	AS per Point number 45							
Mode of of waste:	Disposal	Biomedica applicable	l waste (If):	NA							
		STP Sludg sludge):	e (Dry	(Dry Used as a Manure							
		Others if a	ny:	NA							
		Location(s	;):	NA							
Area requirem	ent:	Area for th of waste & material:	ne storage other	66.3m3							
		Area for m	achinery:	nery: Included in above							
Budgetary	allocation	Capital cos	st:	10Lakh							
(Capital co O&M cost)	st and	O & M cos	t:	7Lakh							
		•	37.Ef	fluent C	harecter	estics					
Serial Number	Paran	neters	Unit	Inlet E Charect	ffluent erestics	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)			
1	р	Н	NA	7	.8	7.	.4	5.5 - 9.0			
2	TS	SS	mg/l	2	8	12	2.0	100			
3	TI	DS	mg/l	20	30	566.0		2100			
4	CC	DD	mg/l	12	80	13	6.0	250			
5	BC	DD	mg/l	32	28	24	.0	100			
6	80	δG	mg/l	BI	DL	10	0.0	10			
7	Sulp	hate	mg/l	82	25	48	8.0	1000			
8	Chlo	oride	mg/l	3	0	2	2	600			
Amount of e (CMD):	effluent gene	eration	Presently in total effluer in EC	sently industry is generating 1050CMD industrial effluent and shall generate al effluent of 3135CMD during operation with full production capacity as granted C							
Capacity of	the ETP:		1500CMD e granted in 1	existing and has proposed 1650CMD ETP for full production capacity as a EC							
Amount of t recycled :	created efflue	ent	30CMD for	Gardening p	urpose						
Amount of v	water send to	o the CETP:	Presently, i send total o EC	ndustry is di f 3066CMD	scharging or during opera	nly 1050CMD ation with ful) as per exiting l production	ng permission and shall capacity as granted in			
Membershi	p of CETP (if	f require):	Yes obtaine	d on 07.01.2	011						
Note on ET	P technology	v to be used	Membrane	Biological Re	eactor System	m with MEE	& RO				
Disposal of	the ETP sluc	lge	CHWTSDF	/ Sale to aut	horized parti	ies					
			38.H a	zardous	Waste D	etails					
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal			
1	Used	d Oil	5.1	MTA	10	0	10	Authorized Re- processor			
2	Oil Soake	ed Cotton	5.2	MTA	10	0	10	CHWTSDF/Sale to authorized parties			
3	Process res	sidue/waste	21.1	MTA	50	0	50	CHWTSDF/Sale to authorized parties			

Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 157th (A) Meeting Date: November 20, 2018	Page 49 of 101	Signature: Name: Dr. Umakant Gaugetreo Dangat Dr. Umakant Dangat (Chairman SEAC-I)
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4	Chemical Sludge ETP	from	34.3	MTA	175	50	0		17	50	CHWTSDF/Sale to authorized parties
5	Discarded Conta & Barrels	iners	33.3	MTA	25	0	0		25	60	CHWTSDF/Sale to authorized parties
6	Salt Generated MEE	from	34.3	MTA	420	00	0		42	00	MEE salt shall be either converted into by-product or shall be sent to CHWTSDF
			39. S	tacks em	issio	n De	etails				
Serial Number	Section & un	its	Fuel U Qua	sed with	Stack	No.	Heig froi grou level	nt n nd (m)	Inte diam (n	rnal leter 1)	Temp. of Exhaust Gases
1	Boiler No.1& Th pack 2	ermo	900) LPH	1		30		1		139
2	Boiler No.1& Th pack 4	ermo	67	MTD	2		30		1	2	139
3	DG Set		26	OLPH	3		6		0.4	45	340
4	CPC Crude Produ	uction		0	4		6.1		0.	4	32
5	CPC Crude Produ	uction		0	5		4.5	5	0.	3	31
6	Mazcol Blue 1	50		0	6		3.5	Š	0.	3	32
7	CPC SFD Sta	ck		0	7		24		0.0	65	32
8	BETA SFD Sta	nck		0	8		24	:	0.	5	32
9	ALPHA SFD St	ack		0	9		24		0.	5	32
	40.Details of Fuel to be used										
Serial Number	rial Type of Fuel Exis			Existing			Propo	sed			Total
1	HSD			260 lit/hr	0					260 lit/hr	
2	FO			900 lit/hr	ır O					900 lit/hr	
3	Coal			67 MT/D			0				67 MT/D
41.Source of	of Fuel		Mar	ket and local	Vendor						
42.Mode of	Transportation of	fuel to s	site Truc	ck and Tanker							
	Tota	l RG ar	rea : 10000								
	No c	f trees	s to be cut 0								
43.Gree	n Belt Nun be p	ber of t lanted :	trees to :	1002							
Develop	ment List nati	of prop ve trees	osed a :	As mention	ed in p	oint 4	8				
	Time com plan	eline for pletion tation :	r of	Already pla	inted						
	44.Numbe	r and	list of	trees spe	cies	to b	e pla	nteo	d in t	the g	ground
Serial Number	Name of the p	lant	Comm	on Name		Qua	ntity		Cha	aracte	eristics & ecological importance
1	Areca Palm Dypsislutes			lutescens		11	19			Ai	r purifier plant
2	Bottle palm	ŀ	Hyophorb	elagenicaulis		3	2			Ai	r purifier plant
3	Ashoka		Sara	caasoca		3	2			Μ	ledicinal plant
Abhay Pimp SEAC-I)	No: 157th (A ovember 20, 2) Meeti 018	ing Da	ıte:	Pay	ge 50 f 101	Signat Name Dr. U (Chai	ture:			

4	Neem	Azadirachtaindica	13	Medicinal Use
5	Mango	Mangifera indica	02	Evergreen foliage, juicy fruit.
6	Karmer	Karmer	01	Evergreen
7	Christmas tree	Araucaria heterophylla	08	Accumulate significant amounts of dust, mold spores, and other irritating detritus
8	Guava	Psidiumguajava	01	Antidiarrheal antibacterial, antioxidant, antispasmodic, anti- inflammatory, anti-anemic, hemostatic and sedative. High in vitamin C.
9	Rajtura	Caesalpinia pulcherrima	20	The infusion of the leaves is used to prevent recurrence like malaria, promote menstrual flow, work as a purgative, and for producing energy.
10	Date palm	Phoenix dactylifera	01	Its gum (exudes from wounds) is used for the treatment of diarrhoea, it can counteract alcoholic intoxication, and its roots are used against tooth ache and pollen supply estrogens.
11	Jack fruit	Artocarpus heterophyllus	01	Its leaves and roots have been used for medicinal purposes.
12	Gulmohar	Delonixregia	01	The oil cake is good fertiliser.
13	Manani	Manani	50	Evergreen
14	Betti	Betti	30	Evergreen
15	ExoraPhilipance Varity Red	Ixora coccinea	50	Several Ixora species are used in traditional medicine, e.g. as an astringent and to treat dysentery and tuberculosis
16	Bitte yellow flowers	Bitte yellow flowers Allamanda		Allamanda species have been used in systems of traditional medicine for various purposes. A. cathartica has been used to treat liver tumors,jaundice, splenomegaly, and malaria.
17	Double Tagar	Tabernaemontana divaricata	10	The flowers, mixed with oil, are applied to sore eyes
18	Double Exora	Ixora coccinea	10	Several Ixora species are used in traditional medicine, e.g. as an astringent and to treat dysentery and tuberculosis.
19	But Mogra	Jasminum sambac	10	asminum sambac has many medicinal properties like anti- depressant, antiseptic, cicatrisant, aphrodisiac, expectorant, anti- spasmodic, galactogogue, sedative, parturient, uterine etc.
20	Gulab Red	Rosa	30	Rose petals or flower buds are sometimes used to flavour ordinary tea, or combined with other herbs to make herbal teas.
21	Exzoradroff Varity	Exzoradroff Varity	20	Evergreen



1	NĂ	0 17 F 1	aray		0
Serial Number	Name	C/C Dista	ance		Area m2
46.Num	nber and list of sl	hrubs and bushes	s species	to be pla	anted in the podium RG:
45	5.Total quantity of plan	nts on ground			1
30	Ananta	Gardenia jasminoides	1	5	It is also used as an antioxidant, to reduce swelling, and to improve the immune system.
29	Tagar	Tabernaemontana Divaricata	5	0	The flowers, mixed with oil, are applied to sore eyes
28	Frangipani red	Plumeria rubra		5	It has been used in the folk medicine systems of civilizations for the treatment however as abortifacient, drastic, purgative, blennorrhagia, used in toothache and for carious teeth.
27	Frangipani white	Plumeria	E	00	Frangipani flowers, and the tree itself, are known for their beauty and the decorative appeal they add to yards and gardens.
26	Jaswand	Hibiscus rosa-sinensis	2	0	The roots of the Hibiscus rosa- sinenesis are used for cough treatments. The leaves of the Hibiscus rosa-sinensis are used as a laxative.
25	Mini Kamini	Murraya exotica	5	0	This species is used sometimes as an ornamental plant in India and has a medicinal use.
24	Musanda	Mussaenda erthrophylla	5	0	The whole plant of Wild mussenda is used cough, bronchitis, fever, wounds, ulcers, leucoderma, pruritus, jaundice and Leaves make excellent herbal shampoo.
23	Bougainvillea	Bougainvillea glabra	22	25	The flowers and stems are dried, boil in water and drink as tea.Bougainvillea leaves are used to cure variety of disorders like for diarrhea, and to reduce stomach acidity.
22	Mini Exora	Ixora coccinea	10)0	Several Ixora species are used in traditional medicine, e.g. as an astringent and to treat dysentery and tuberculosis.



	Source of power supply :				MSEDCL				
		During Co Phase: (De Load)	nstruction emand	NA					
		DG set as back-up du constructi	DG set as Power back-up during construction phase		NA				
		During Op phase (Cor load):	eration nnected	4850kW	4850kW				
Power requirement:		During Op phase (De load):	eration mand	89000kW				•	
		Transform	er:	2500KVA, 2	2500KVA, 22KV/0.433				
		DG set as back-up du operation	Power uring phase:	1250KVA				10	
		Fuel used:		FO - 900 LI	PH HSI) - 260 LPH	í Coal – 67 M	TD	
		Details of tension lin through th any:	high 1e passing 1e plot if	NA					
		48.Ene	erav savi	na by no	n-coi	vention	al metho	od:	
Used LED I Used IE 2 c Variable fre Use of high	Used LED lamp fittings inside the plants, office & for street lighting. Used IE 2 class motors for rating above 20 HP. Variable frequency drives have been used to reduce the high starting torque for 240 HP motors of the ball mills. Use of higher capacity equipment's to optimize the batch sizes.								
		4	9.Detail	calculati	ons	& % of s	aving:		
Serial Number	Е	nergy Cons	ervation Me	easures			Sa	aving %	
1	Used LED I street lig above 20 used to re motors o equij	amp fittings hting. Used HP. Variable duce the hig of the ball m pment's to o	inside the p IE 2 class m frequency d h starting to ills. Use of h ptimize the h	lants, office & for otors for rating lrives have been rque for 240 HP igher capacity patch sizes.					
		50	.Details	of pollut	ion c	ontrol S	ystems		
Source	Ex	isting pollu	tion contro	l system			Proposed	to be installed	
D.G. Set	Acoust	ic Enclosure	with proper	stack heigh	t		Alrea	dy provided	
Process Stacks	SY	Scrubbei	rs & Bag Filt	ers				NA	
Budgetary	allocation	Capital co	st:	270 LAKH					
O&M	cost and cost):	O & M cos	t:	12 LAKH					
51	.Enviro	onment	tal Mar	nageme	ent j	olan Bu	udgeta	ry Allocation	
		a)	Construc	ction pha	nse (v	with Bre	ak-up):		
Serial Number	Attri	outes	Parar	neter		Total	Cost per an	num (Rs. In Lacs)	
1	N	A	N	NA 0)	
		b) Operat	ion Phas	e (wi	th Brea	k-up):		
B) Operation Flidse (with Dreak-up): B) Operation Flidse (with Dreak-up): B) Operation Flidse (with Dreak-up): Signature: Name: Dr. Umakant Gaugetreo Dang SEAC Meeting No: 157th (A) Meeting Date: November 20, 2018						Signature: Name: Dr. Umakant Gaugetreo Dangat Dr. Umakant Dangat (Chairman SEAC-I)			

Serial Number Component		Descri	ption	Capi	Capital cost Rs. In Lacs			Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Air F	ollution	Provision	of APCEs	5	70			11	
2	Rain Water Harvesting		Rain Water	Harvesti	ng	50		5		
3	3 Water Pollution		Installation of STP ETP		&	2805		80		
4	Solie	l Waste	Organic Compo	Waste osting		6		1		
5	Gre	en Belt	Tree Pla	ntation		12			4	
6	Energ	y Saving	Energy	saving		270			12	
7	Envii Mor	ronment hitoring	Enviror Monit	nment oring		0			4	
51.S	torag	e of che	micals	(infla	amabl	e/expl	osiv	e/haz	zardou	s/toxic
				subs	stance	es)				
Descri	ption	Status	Location	L	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Const / Mo	umption onth in MT	Source of Supply	Means of transportation
Sulphur	ic Acid	Liquid	Tank Farr	n	50 KL	182	562		Market	By Road
Xyle	ne	Liquid	Tank Farr	n	11 KL	I KL 10 5		5	Market	By Road
Ortho Nitro	o Toluene	Liquid	Tank Farr	n	30 KL	28	55		Market	By Road
Isobutyle	Alcohol	Liquid	Tank Farr	n	30 KL	0 KL 16		5	Market	By Road
Furnac	ce Oil	Liquid	Tank Farr	n	24 KL	19	(615	Market	By Road
Caustic	2 45%	Liquid	ETP		20 KL	26		125	Market	By Road
			52.A	ny Oth	ner Info	rmation	l			
No Informa	tion Availa	ble								
			53.7	raffic	: Manag	gement				
Nos. of the junction to the main road & design of confluence:										
	Sil									

approx other			Signature: Name: Dr. Umakant Gangetrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 157th (A) Meeting Date:	Page 54	Dr. Umakant Dangat
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	Numl baser	ber and area of nent:	NA		
	Numl podia	ber and area of .:	NA		
	Total	Parking area:	538		
	Area	per car:	12.5		
	Area	per car:	12.5		
Parking details:	Numl Whee appro comp autho	ber of 2- elers as oved by etent ority:	21		
	Numl Whee appro comp autho	ber of 4- elers as oved by etent ority:	34		68
	Publi	c Transport:	NA		
	Widtl roads	h of all Internal 5 (m):	6 & 9		
	CRZ/ obtai	RRZ clearance n, if any:	NA		
	Dista Prote Critic areas areas bound	nce from octed Areas / cally Polluted ; / Eco-sensitive / inter-State daries	NA		
	Categ sched Notif	jory as per lule of EIA ication sheet	5f [b]		
	Court if any	t cases pending	No		
	Other Infor	r Relevant mations	NA		
	Have subm Appli on M	you previously itted cation online OEF Website.	No		
	Date subm	of online ission	-		
SEAC	DIS	CUSSION	ON ENVIRONM	ENTAL	ASPECTS
Environmental Impacts of the project	Not A	pplicable			
Water Budget	Not A	pplicable			
Waste Water Treatment	Not A	pplicable			
Drainage pattern of the project	Not A	pplicable			
Ground water parameters	Not A	pplicable			
Solid Waste Management	Not A	pplicable			
Abhay Pimparkar (Secre SEAC-I)	etary	SEAC Meeting 1 Nov	No: 157th (A) Meeting Date: vember 20, 2018	Page 55 of 101	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 the revalidation of earleir EC.

DECISION OF SEAC

During deliberation PP requested to transfer the propsoal to SEIAA as the authority for revalidation lies with the SEIAA.

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

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

Abhay Pimparkar (Secretary
SEAC-I)SEAC Meeting No: 157th (A) Meeting Date:
November 20, 2018Page 56
of 101Signature:
November 26
of 101Image: Dr. Umakant Cangetree Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)Image: Dr. Umakant Dangat
(Chairman SEAC-I)

157th (A) Meeting of State Level Expert Appraisal Committee (SEAC-1) SEAC Meeting number: 157th (A) **Meeting Date** November 20, 2018

Subject: Environment Clearance for EXTENSION OF VALIDITY OF ENVIRONMENTAL CLEARANCE

Is a Violatio	n Case: No								
1.Name of Pro	oject	SHIVKRIPA N	MINERALS						
2.Type of inst	itution	Private							
3.Name of Pro	oject Proponent	DHANANJAY	BABURAO SHASTRAKAR						
4.Name of Co	nsultant	MANTRAS G	REEN RESOURCES LTD.						
5.Type of proj	ect	Mining Lease	Area :30.41 Ha. Production Capacity :200	00 Tones/year of laterite					
6.New project project/moder in existing pro	/expansion in existing mization/diversification pject	EXTENSION	EXTENSION OF VALIDITY OF ENVIRONMENTAL CLEARANCE						
7.If expansion whether envir has been obta project	d/diversification, onmental clearance ined for existing	EXTENSION	EXTENSION OF VALIDITY OF ENVIRONMENTAL CLEARANCE						
8.Location of	the project	KH NO: 10	KH NO: 10						
9.Taluka		JIWTI							
10.Village		KHADKI-RAI	PUR						
Corresponden	ce Name:	Dhananjay Ba	aburao Shastrakar						
Room Number	r:	SAI SERVICE	ES STATION						
Floor:		GADCHANDU	JR						
Building Nam	e:	TAHESIL: KC	DRPANA						
Road/Street N	ame:	NA							
Locality:		NA							
City:									
11.Area of the	e project	GRAMPANCHAYAT: KHADKI-RAIPUR							
		GRAMPANCHAYAT NOC ENCLOSED							
12.IOD/IOA/Co	oncession/Plan	IOD/IOA/Co	ncession/Plan Approval Number: COPY	ENCLOSED					
Approval Null	ibei	Approved Built-up Area: 30.41							
13.Note on th applicable)	e initiated work (If	YES							
14.LOI / NOC Other approva	/ IOD from MHADA/ als (If applicable)	NA							
15.Total Plot	Area (sq. m.)	30.41							
16.Deductions	5	Not applicable							
17.Net Plot ar	rea	Not applicable							
		a) FSI area (sq. m.): Not applicable							
18 (a).Propose Non-FSI)	ed Built-up Area (FSI &	b) Non FSI area (sq. m.): Not applicable							
		c) Total BUA area (sq. m.): 30.41							
		Approved FSI area (sq. m.):							
18 (b).Approv	ed Built up area as per	Approved N	on FSI area (sq. m.):						
DOR		Date of Approval:							
19.Total grou	nd coverage (m2)	Not applicable							
20.Ground-co (Note: Percen to sky)	verage Percentage (%) tage of plot not open	Not applicable							
21.Estimated	cost of the project	39.40							
	22.Numl	ber of l	ouildings & its config	guration					
Serial number	Building Name & r	number	Number of floors	Height of the building (Mtrs)					

Abhay Pimparkar (Secretary SEAC-I)

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SEAC Meeting No: 157th (A) Meeting Date: November 20, 2018 Page 57 of 101 Signature: Dr. Umakant Gangetree Dangat (Chairman SEAC-I)

1	Ν	Not applicabl	е	N	ot applicable	Not applicable				
23.Number tenants an	r of d shops	Not applica	ble							
24.Number expected r users	r of esidents /	Not applica	ot applicable							
25.Tenant per hectar	density e	Not applica	ble							
26.Height building(s)	of the)									
27.Right o (Width of the from	f way the road earest fire the building(s)	CHANDRAF	HANDRAPUR							
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius ccess of from all building the width ntation	Not applica	Not applicable							
29.Existing structure	J (s) if any	Not applica	ble							
30.Details demolition disposal (I applicable	of the with f)	Not applica	ble		000					
			31. P	roduct	ion Details					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)				
1	LATE	RITE	166	6.66	00	1666.6				
		3	2.Tota	l Water	Requireme	nt				
		Source of	water	Not applical	ole					
		Fresh wate	er (CMD):	06						
		Recycled w Flushing (ater - CMD):	NA						
		Recycled w Gardening	vater - (CMD):	Not applicable						
	c V	Swimming make up (pool Cum):	Not applicable						
Dry season:		Total Wate Requireme :	er ent (CMD)	06						
		Fire fightin Undergrou tank(CMD)	ng - Ind water):	Not applicable						
		Fire fightin Overhead tank(CMD)	ng - water):	Not applicable						
Excess treated water				Not applicat	ole					

age of the ser			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 157th (A) Meeting Date:	Page 58	Dr. Umakant Dangat
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Source of water				Not applicable							
		Fresh water ((CMD):	06							
		Recycled wat Flushing (CM	er - ID):	Not applicable							
		Recycled wat Gardening (C	er - CMD):	Not applicab	ole						
		Swimming po make up (Cu	ool m):	Not applicable							
Wet season: Total Water Requirement (CMD) :			(CMD)	06							
Fire fighting - Underground water tank(CMD):			- l water	Not applicat	ble			9			
Fire fightin Overhead v tank(CMD)			- ter	Not applicat	ble			6			
Excess treated water				Not applicab	ole						
Details of s pool (If an	Swimming y)	Not applicable	•								
		33.	Detail	s of Total	water co	nsume	đ				
Particula rs Consumption (CMD)		Loss (CMD)			Effluent (CMD)						
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	01	00	01	0.5	00	0.5	0.5	00	0.5		
Industrial Process	05	00	05	04	00	04	01	00	01		
FIUCESS											
		Level of the (water table:	Ground	40 METER							
		Level of the (water table: Size and no o tank(s) and Quantity:	Ground of RWH	40 METER NA							
		Level of the G water table: Size and no o tank(s) and Quantity: Location of the tank(s):	Ground f RWH he RWH	40 METER NA NA							
34.Rain V Harvestir	Vater 1g	Level of the (water table: Size and no o tank(s) and Quantity: Location of t tank(s): Quantity of r pits:	Ground of RWH he RWH echarge	40 METER NA NA NA							
34.Rain V Harvestir (RWH)	Vater 1g	Level of the (water table: Size and no of tank(s) and Quantity: Location of the tank(s): Quantity of repits: Size of rechants:	Ground of RWH he RWH echarge rge pits	40 METER NA NA NA NA							
34.Rain V Harvestin (RWH)	Water 1g	Level of the C water table: Size and no of tank(s) and Quantity: Location of the tank(s): Quantity of r pits: Size of recha : Budgetary al (Capital cost)	Ground of RWH he RWH echarge rge pits location) :	40 METER NA NA NA NA NA							
34.Rain V Harvestin (RWH)	Vater 1g	Level of the C water table: Size and no of tank(s) and Quantity: Location of the tank(s): Quantity of repits: Size of rechants: Budgetary all (Capital cost)	Ground of RWH he RWH echarge rge pits location : location	40 METER NA NA NA NA NA NA NA							
34.Rain V Harvestir (RWH)	Water 1g	Level of the G water table: Size and no of tank(s) and Quantity: Location of the tank(s): Quantity of r pits: Size of rechants: Budgetary all (Capital cost) Budgetary all (O & M cost) Details of UG if any :	Ground f RWH he RWH echarge rge pits location) : location : T tanks	40 METER NA NA NA NA NA NA NA							

approtations			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 157th (A) Meeting Date:	Page 59	Dr. Umakant Dangat
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	Natu: drain	ral water age pattern:	NA				
35.Storm water drainage	Quan water	tity of storm	NA				
	Size	of SWD:	NA				
	Sewa in KL	ge generation .D:	NA				
	STP t	echnology:	NA				
Sowage and	Capa (CMI	city of STP)):	NA				
Waste water	Locat the S	tion & area of TP:	NA				0
	Budg (Capi	etary allocation tal cost):	NA				6
	Budg (O &	etary allocation M cost):	NA				
		36.Soli	d waste Mana	gen	ient		
Waste generation in	Wast	e generation:	NA				
the Pre Construction and Construction phase:	Dispo const debri	osal of the cruction waste s:	NA		3		
	Dry w	vaste:	NA	3			
	Wet v	waste:	NA				
Waste generation	Haza	rdous waste:	NA				
in the operation Phase:	Biom appli	edical waste (If cable):	NA				
	STP 9 sludg	Sludge (Dry je):	NA				
	Othe	rs if any:	NA				
	Dry w	vaste:	NA				
	Wet v	waste:	Ν				
	Haza	rdous waste:	NA				
Mode of Disposal of waste:	Biom appli	edical waste (If cable):	NA				
L.	STP 9 sludg	Sludge (Dry je):	NA				
	Othe	rs if any:	NA				
.	Locat	tion(s):	NA				
Area requirement:	Area of wa mate	for the storage ste & other rial:	NA				
	Area	for machinery:	NA				
Budgetary allocation	Capit	al cost:	NA				
(Capital cost and O&M cost):	0&1	A cost:	NA				
		27 Ff	fluont Character	octio	C		
Corriol		J/.EI		-5110	J	+	Effluent dischar
Number Parar	neters	Unit	Charecterestics	Ch	arecterestic	it cs	standards (MPCB)
Abhay Pimparkar (Secretary SEAC-I)			No: 157th (A) Meeting Da vember 20, 2018	te:	Page 60 of 101	Signati Name: Dr. Un (Chair	ure: Dr. Umakant Gangateao Dangat makant Dangat rman SEAC-I)

1	N	IA	NA NA				NA			NA	
Amount of e (CMD):	effluent gene	eration	NA								
Capacity of	the ETP:		NA								
Amount of t recycled :	reated efflue	ent	NA								
Amount of v	vater send to	o the CETP:	NA								
Membershi	o of CETP (if	f require):	NA								
Note on ET	P technology	v to be used	NA								
Disposal of	the ETP sluc	lge	NA								
38.Hazardous Waste Details											
Serial Number	Descr	iption	C	at	UOM	Exis	ting	Proposed	To	tal	Method of Disposal
1	N	ſΑ	Ν	A	NA	N	A	NA	Ν	A	NA
			3	89.St	acks em	issio	n D	etails	6		
Serial Number	Section	& units	Fu	ıel Us Qua	ed with ntity	Stac	k No.	Height from ground level (m)	Inte diam (n	rnal eter 1)	Temp. of Exhaust Gases
1	N	ſΑ		Ν	A	N	A	NA	Ν	A	NA
			4	0.De	tails of F	uel	to b	e used			
Serial Number	Тур	e of Fuel		Existing			Proposed		Total		
1		NA	NA			NA					NA
41.Source o	f Fuel		NA								
42.Mode of	Transportat	ion of fuel to	site	NA							
		Total RG a	rea :	ea : NA							
		No of trees	s to be	e cut	NA						
43.Gree	n Belt	Number of be planted	trees	s to	NA						
Develop	ment	List of prop native tree	posed s :		NA						
		Timeline for completion plantation	or 1 of :		NA						
	44.Nu	mber and	l list	of t	rees spe	cies	to b	e planteo	d in t	the g	jround
Serial Number	Name of	the plant	Сс	ommo	n Name		Qua	ntity	Cha	aracte	eristics & ecological importance
1	BAI	BUL		BAI	BUL		10	000			NA
45	.Total qua	ntity of plan	ts on	grou	nd						
46.Num	ber and	list of sh	ırub	s an	d bushes	s spe	cies	to be pla	ante	d in	the podium RG:
Serial Number		Name			C/C Dista	nce				Area m2	
1		NA	NA				NA				

approvers			Signature: Name: Dr. Umakant Gangetreo Dangat
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47.Energy										
		Source of po supply :	NA		-					
		During Construction Phase: (Demand Load)		NA						
		DG set as Po back-up dur construction	ower ing n phase	NA						
		During Oper phase (Conr load):	ration nected	NA						
require	ement:	During Oper phase (Dem load):	ration and	NA					68	
		Transforme	r:	NA						
		DG set as Po back-up dur operation pl	ower ing hase:	NA					37	
		Fuel used:		NA						
		Details of hi tension line through the any:	igh passing plot if	NA NA						
		48.Ener	ov savi	na po no	n-con	vention	al m	etho	od:	
NA			35	J-J -			-			
-		49	Detail	calculati	ions &	w of s	avino			
Sorial			Detail	curculati		C /0 01 30	aving	•		
Number	E	Energy Consei	rvation M	easures				Sa	aving %	
1			NA						NA	
		50. I	Details	of pollut	ion co	ontrol S	syster	ns		
Source	Ex	isting polluti	on contro	l system Proposed to be installed						
NA			NA	NA						
Budgetary	allocation	Capital cost	•	700000						
O&M	cost and cost):	O & M cost:		320000						
51	.Envir	onmenta	al Mar	nageme	ent p	lan B	udae	etai	rv Allocat	ion
	<u>c</u> Y	a) C	onstru	ction pha	ase (w	ith Bre	ak-uj	p):	0	
Serial Number	Attri	butes	Para	meter		Total	Cost pe	er an	num (Rs. In Lac	cs)
1	Ν	IA	N	A				Ν	A	
		b)	Operat	ion Phas	se (wit	t h Brea l	k-up)):		
Serial Number	Comp	oonent	Descr	iption	Capit	tal cost Rs Lacs	s. In	Ope	erational and Ma cost (Rs. in La	aintenance ics/yr)
1	Ν	IA	N	A		NA			NA	
51.S	51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)									
									1	
0.0	orners.	-							Signature:	

	Ш
Abhay Pimparkar (Secretary	
SEAC-D	Ш

	Jiguature
	Name: Dr. Umakant Gangetreo Dangat
Page 62 of 101	Dr. Umakant Dangat (Chairman SEAC-I)

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	
NA	NA	NA		NA	NA	NA	NA	NA	
		52. A	ny Ot	her Info	rmation	l			
No Information Availab	ole								
		53.	Traffi	c Manag	gement				
	Nos. of t to the m design o confluer	he junction ain road & f ice:	NA				6	6	
	Number basemer	and area of nt:	NA						
	Number podia:	and area of	NA				7		
	Total Pa	rking area:	NA						
	Area per	car:	NA						
	Area per	car:	NA						
Parking details:	Number Wheeler approve compete authorit	Number of 2- Wheelers as approved by competent authority:			50				
	Number Wheeler approve compete authorit	Number of 4- Wheelers as approved by competent authority:) ···					
	Public T	Public Transport:							
	Width of roads (n	Width of all Internal roads (m):							
	CRZ/ RR obtain, i	Z clearance f any:	NA						
S	Distance Protecte Criticall areas / H areas/ in boundar	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries		NA					
	Categor schedule Notifica	Category as per schedule of EIA Notification sheet							
	Court ca if any	Court cases pending if any							
	Other Ro Informa	elevant tions	NA						
	Have you submitte Applicat on MOE	u previously ed ion online F Website.	No						

age of the set			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 157th (A) Meeting Date:	Page 63	Dr. Umakant Dangat
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	Date of online submission								
SEAC	DISCUSSION ON ENVIRONMENTAL ASPECTS								
Environmental Impacts of the project	Not Applicable								
Water Budget	Not Applicable								
Waste Water Treatment	Not Applicable								
Drainage pattern of the project	Not Applicable								
Ground water parameters	Not Applicable								
Solid Waste Management	Not Applicable								
Air Quality & Noise Level issues	Not Applicable								
Energy Management	Not Applicable								
Traffic circulation system and risk assessment	Not Applicable								
Landscape Plan	Not Applicable								
Disaster management system and risk assessment	Not Applicable								
Socioeconomic impact assessment	Not Applicable								
Environmental Management Plan	Not Applicable								
Any other issues related to environmental sustainability	Not Applicable								
	Brief information of the project by SEAC								
PP remained absent									
	DECISION OF SEAC								
PP remained absent.									
Specific Conditions b	y SEAC:								
	FINAL RECOMMENDATION								
	SEAC-I decided to defer the proposal.Kindly find SEAC decision above.								



157th (A) Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 157th (A) Meeting Date November 20, 2018

Subject: Environment Clearance for Application for TOR for, Expansion/ Modernization of sugar factory capacity from 7500 TCD (313 TCH) to 10000 TCD (417 TCH).

Is a Violation Case: No

General Information: Venue: CSIR- National Chemical Laboratory (NCL)Guesthouse, Pashan Road, Pune- 411008,

1.Name of P	roject	Expansion/ Modernization of sugar factory capacity from 7500 TCD (313 TCH) to 10000 TCD (417 TCH).						
2.Type of ins	stitution	Private						
3.Name of P	roject Proponent	Sahakar Maharshi Shankarrao Mohite Patil Sahakari Sakhar Karkhana Limited, Shankarnagar, Taluka: Malshiras, District: Solapur.						
4.Name of C	onsultant	Dr. B. Subba	Rao					
5.Type of pro	oject	Others						
6.New project/expansion in existing project/modernization/diversification in existing project Expansion in existing project/ Modernization.								
7.If expansion/diversification, whether environmental clearance has been obtained for existing project Yes, J-11011/297/2007- IA II (I).								
8.Location of the project 13/1, 13/2, 28, 29, 30, 69/1/B, 70, 71/1, 71/2, 72/1, 73, 74, 80/3/A, 80/4, 80/5, 80/6/A, 8 80/12, 80/13, 81/1, 81/2/A, 81/2/B, 81/3, 81/4, 81/5, 83/2/B, 93/2/A, 93/2/2 (partially), 9 82/2/B, 65/1B/2A, 66/2B.								
9.Taluka		Malshiras						
10.Village		Shankarnaga	r, Akluj.					
11.Area of th	ne project	OTHER AREA	A					
12 100/104/	()	NA						
Approval Nu	mber	IOD/IOA/Concession/Plan Approval Number: NA						
		Approved Built-up Area: 70278						
13.Note on t applicable)	he initiated work (If	NA						
14.LOI / NO Other appro	C / IOD from MHADA/ vals (If applicable)	NA						
15.Total Plo	t Area (sq. m.)	444150 sqm						
16.Deduction	ns	70278						
17.Net Plot	area	373872						
10 (a) Drong	and Duilt up Area (ESI S.	a) FSI area (sq. m.): 70278						
Non-FSI)	seu Buill-up Area (FSI &	b) Non FSI area (sq. m.): 373872						
		c) Total BUA area (sq. m.): 444150						
18 (h). Annro	ved Built un area as ner	Approved FSI area (sq. m.):						
DCR		Approved Non FSI area (sq. m.):						
40 77 1 1		Date of Approval:						
19.1otal gro	und coverage (m2)	373872						
20.Ground-c (Note: Perce to sky)	overage Percentage (%) entage of plot not open	0.8417						
21.Estimate	d cost of the project	10000000						
	22.Num	ber of l	ouildings & its config	guration				
Serial number	Building Name & 1	number	Number of floors	Height of the building (Mtrs)				
1	NA		NA	NA				

ager of the state			Signature: Name: Dr. Umakant Gangetreo Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 157th (A) Meeting Date:	Page 65	Dr. Umakant Dangat
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23.Number tenants an	r of d shops	NA								
24.Number expected r users	r of esidents /	NA	IA							
25.Tenant per hectar	density e	NA								
26.Height building(s)	of the)									
27.Right o (Width of t from the n station to proposed b	f way the road earest fire the building(s)	NA								
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		NA			00160					
29.Existing structure (J (s) if any	NA	NA							
30.Details demolition disposal (I applicable	of the with f	NA	NA							
			31.Product	tion Details						
Serial Number	Pro	duct	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)					
1	SU	GAR	31200	6240	37440					
2	REFINEI	D SUGAR	7500	1500	9000					
3	MOLA	ASSES	9600	1920	11520					
4	BAG	ASSE	70000	14000	84000					
5	PRES	SMUD	9600	1920	11520					
			32.Total Wate	r Requiremen	ıt					



		Source of wa	ter	Nira Right-b	ank Canal								
		Fresh water	(CMD):	2801									
		Recycled wat Flushing (CM	er - 1D):	NA	NA								
		Recycled wat Gardening (C	er - CMD):	NA									
		Swimming po make up (Cu	ool m):	NA									
Dry season	1:	Total Water Requirement :	: (CMD)	2801									
		Fire fighting Underground tank(CMD):	- I water	NA				9					
		Fire fighting Overhead wa tank(CMD):	- ter	NA									
		Excess treate	ed water	1500 m3/da	У								
		Source of wa	ter	NA									
		Fresh water	(CMD):	NA									
		Recycled wat Flushing (CM	er - 1D):	NA									
		Recycled wat Gardening (C	er - CMD):	NA									
		Swimming po make up (Cu	ool m):	NA									
Wet seaso	n:	Total Water Requirement (CMD) : Fire fighting - Underground water tank(CMD):		NA									
				NA									
		Fire fighting Overhead wa tank(CMD):	ter	NA									
		Excess treate	ed water	NA									
Details of pool (If an	Swimming y)	NA											
		33	.Detail	s of Tota	l water co	nsume	d						
Particula rs	Cons	sumption (CM	D)	I	Loss (CMD)		Efi	luent (CMD)					
Water Require ment	Existing	Proposed	Total	Existing Proposed Total Existing Proposed									
Domestic	220	0	220	44	0	44	176	0	176				
Industrial Process	1981	0	1981	1050	0	1050	931	0	931				

	Level of the Ground water table:	10					
	Size and no of RWH tank(s) and Quantity:	2 tanks-25m X 40m X 2.5m = 5000 cum.					
	Location of the RWH tank(s):	Near E.T.P.					
34.Rain Water Harvesting (RWH)	Quantity of recharge pits:	0					
	Size of recharge pits :	NA					
	Budgetary allocation (Capital cost) :	6,00,000					
	Budgetary allocation (O & M cost) :	65,000					
	Details of UGT tanks if any :	NA					
	Natural water drainage pattern:	Surface Runoffs					
drainage	Quantity of storm water:	22488.96 cum.					
	Size of SWD:	(1 X 0.5 X 0.3) m					
	Sewage generation in KLD:	320					
	STP technology:	Septic Tank Followed by Anaerobic filters					
Sewage and	Capacity of STP (CMD):	10- 900 cum.					
Waste water	Location & area of the STP:	individual STP at housing colony					
	Budgetary allocation (Capital cost):	10 lakh					
	Budgetary allocation (O & M cost):	50,000 per annum					
	36.Soli	d waste Management					
Waste generation in	Waste generation:	30 MT					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Filling low lying area and for construction of road work					
	Dry waste:	Refuse- 1 MT/ year, pressmud 10000 MT/month					
	Wet waste:	Garbage- 3 MT/month					
Wasto gonoration	Hazardous waste:	NA					
in the operation Phase:	Biomedical waste (If applicable):	NA					
1 11100	STP Sludge (Dry sludge):	24 MT/year					
	Others if any:	NA					



		Dry waste:		Refuse- recycling, Pressmud- Composting								
		Wet waste:		Composting								
Mode of Disposal of waste:		Hazardous waste:		NA								
		Biome applic	edica cable)	l waste (If):	NA							
		STP S sludge	ludg e):	e (Dry	Manure							
		Other	s if a	ny:	NA							
		Locati	ion(s):	Shankarnagar, Akluj							
Area requirement:		Area for the storage of waste & other material:		20000 sqm.								
		Area f	for m	achinery:	45883 sqm.							6
Budgetary	allocation	Capita	al cos	st:	8,00,00,000)						
(Capital co O&M cost)	ost and :	0 & M	I cos	t:	1,00,00,000) per an	num.					
				37.Ef	fluent C	harec	tere	estic	S			Y
Serial Number	Paran	neters		Unit	Inlet E Charect	ffluent erestic	t c s	O Cł	utlet I arect	Efflue eresti	nt ics	Effluent discharge standards (MPCB)
1	р	Н		NA	6.5	5-7			7.	.5		5.5-9
2	BC	DD		mg/l	80	00			23.	.25		<100
3	C	DD		mg/l	20	00			58.	125		<250
4	TS	SS		mg/l	400-500			14.53				<100
Amount of e (CMD):	effluent gene	eration		Process effl	uent-750 CN	ID, Exc	ess co	ondens	sate-15	500 CI	MD	
Capacity of	the ETP:			Process effl	uent-1000 C	MD, Ex	cess	conde	nsate-	1500	CMD	
Amount of t recycled :	reated efflue	ent		1500 CMD	$\langle \rangle$							
Amount of v	water send to	o the CI	ETP:	NA								
Membershi	p of CETP (if	frequire	e):	NA	NA							
Note on ET	P technology	v to be u	ısed	preliminary treatment (Oil & Grease trap, flow meter), Equalization tank, Anaerobic Filter, Aeration tank, Secondary Clarifier, Sludge drying beds and 15 days treated storage tank for no demand period.								
Disposal of	the ETP sluc	lge		As a manur	As a manure after sludge drying							
			Ĵ	38. Ha	zardous	Was	te D	etai	ls			
Serial Number	Descr	iption		Cat	UOM	Exist	ing	Prop	osed	Total		Method of Disposal
1	Sper	nt Oil		5 (1)	MT/Month	0.1	L	()	0	.1	Mixed with bagasse and burnt in the boiler
				39.St	acks em	issio	n De	etail	S			
Serial Number	Section	& unit	S	Fuel Us Quar	ed with ntity	Stack	No.	Hei fro gro level	ght m und (m)	Inte dian (r	rnal neter n)	Temp. of Exhaust Gases
1	during	season		BAGASS MT/n	E- 86400 nonth	Ι		8	0	Z	1	112 deg C
				40.De	tails of F	^r uel t	o be	e use	ed			
Serial Number	Тур	e of Fu	ıel		Existing			Prop	osed			Total
Abhay Pimparkar (Secretary SEAC-I)				AC Meeting I Nov	No: 157th (A vember 20, 2) Meeti 018	ng Da	te:	Pago	ge 69 f 101	Signat Name Dr. U (Chai	ture: Dr. Umakant Gangetreo Dangat makant Dangat rman SEAC-1)

1	1 BAGASSE			64800 MT/month 21			216	600 MT/month		86400 MT/month	
41.Source of Fuel			В	BAGASSE FROM SUGARCANE CRUSHING IN FACTORY							
42.Mode of	Transportat	site B	BY CONVEYOR BELT- SUGAR FACTORY TO CO-GEN BOILER								
Total RG area : 131900 sqm											
43.Green Belt Development		No of trees to be cut : Number of trees to be planted : List of proposed native trees :		cut	t _{NA}						
				0	26000						
				Aamba, Babhul, Chafa, Badam, Ashoka, Bahava, Chinch, Bamboo, Chandan and Chiku etc.							
		Timeline for completion of plantation :			3 years						
44.Number and list of trees species to be planted in the ground											
Serial Number	Name of the plant Co			common Name			Quantity		Cha	racteristics & ecological importance	
1	EUCALYPTUS G. OBLIQUA		GALI EUC	GALI (VARIETY OF EUCALYPTUS))		10000		POLLU	TION ABSORBING PLANTS		
2	AZADIRACHTA INDICA		NEAM		2500		POLLU	TION ABSORBING PLANTS			
3	TAMRINDAS INDICA		Т	TAMRIND			450	00	POLLUTION ABSORBING PLANTS		
4	JATROPHA INTEGERRIM/		JITAROPA		ROPA	800		0	POLLU	TION ABSORBING PLANTS	
5	COCUS NUCIFERA L		С	COCUNUT		3500)0	POLLU	TION ABSORBING PLANTS	
6	ARTOCARPUS HETEROPHYLLUS JAC		JACK	JACK FRUIT PLANT		2000		POLLU	TTION ABSORBING PLANTS		
7	TECHTON	A GRANDIS		TEAK		2700 POL		POLLU	TION ABSORBING PLANTS		
45	5.Total qua	ntity of plan	ts on g	roui	nd						
46.Number and list of shrubs and bushes species to be planted in the podium RG:											
Serial Number	Name				C/C Distance			Area m2			
1	Besharmi				1		20				
2	Bor			1				20			
3	Dhotara			0.5				20			
4	Earand			1				20			
5	Ghaneri				0.5			20			
6		Kanheri			0.5					20	
47.Enerav											



Power requirement:		Source of power supply : During Construction Phase: (Demand Load)		Own generation						
				NA						
		DG set as a back-up du constructi	G set as Power Ack-up during Instruction phase							
		During Op phase (Cor load):	eration nnected	16 MW						
		During Op phase (Dep load):	eration mand	10 MW						
		Transform	er:	1) 3150 kVA	A - 5, 2) 4000 kVA- 2, 3) 3	3500- 2 and 4) 2500 kVA			
		DG set as back-up du operation	Power uring phase:	NA						
		Fuel used:		Bagasse- 29	970 MT	'/day				
		Details of tension lin through th any:	high 1e passing 1e plot if	132 kVA						
	48.Ene	ergy savi	ng by no	n-coi	nventional m	ethod:				
NA										
49.Detail calculations & % of saving:										
Serial Number	E	nergy Cons	ervation Mo	easures	easures Saving %					
1 NA						NA				
50.Details of pollution control Systems										
Source Existing pollution control system Proposed to be installed										
Process efffluent	Process efffluent Anaerobic followed by a			erobic NA			NA			
Condensate treatment	e Cooling tower followed by			aeration NA						
Budgetary allocation		Capital co	st:	NA						
O&M	cost and cost):	0 & M cos	t:	NA						
51	.Envir	onment	tal Mar	nageme	ent p	olan Budg	etary Allocation			
	5	a)	Construc	ction pha	se (1	with Break-u				
Serial Number	Attri	Attributes Parar		neter Total Cost per annum (Rs. In Lacs)			er annum (Rs. In Lacs)			
1	Fugitive emissions Particula		te matter 6							
		b) Operat	ion Phas	e (wi	th Break-up):			
Serial Number	Comp	Component Descr		ption Capital cost Rs. In Lacs		ital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Pollutant effluent ar emis		nd liquid nd gaseous ssion	300		50				

approtoness?			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 157th (A) Meeting Date:	Page 71	Dr. Umakant Dangat
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51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)											
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			
NA	NA	NA		NA	NA	NA	NA	NA			
		52.A	ny Ot	her Info	rmation	l					
No Information Availab	ole										
		53.	Traffi	c Manag	gement						
Nos. of the junction to the main road & design of confluence:				3							
	Number and area of basement:		NA								
	Number and area of podia:		NA								
	Total Parking area:		53298 sqm.								
	Area per car:		10 sqm.								
Parking details:	Area per car: Number of 2- Wheelers as approved by competent authority:		NA NA								
	Number of 4- Wheelers as approved by competent authority:		NA								
	Public Transport:		Trucks and bullockcarts								
	Width of all Internal roads (m):		20								
	CRZ/ RRZ clearance obtain, if any:		NA								
S	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries		NA								
Category as per schedule of EIA Notification sheet		CATEGORY- B									
	Court cases pending if any		NA								
Other Relevant Informations		NA									

approver and the			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 157th (A) Meeting Date:	Page 72	Dr. Umakant Dangat
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	Have you previously submitted Application online on MOEF Website.	Yes	
---	--	---	
	Date of online submission	16-02-2017	
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS	
Environmental Impacts of the project	Not Applicable		
Water Budget	Not Applicable		
Waste Water Treatment	Not Applicable		
Drainage pattern of the project	Not Applicable		
Ground water parameters	Not Applicable		
Solid Waste Management	Not Applicable		
Air Quality & Noise Level issues	Not Applicable		
Energy Management	Not Applicable		
Traffic circulation system and risk assessment	Not Applicable		
Landscape Plan	Not Applicable		
Disaster management system and risk assessment	Not Applicable		
Socioeconomic impact assessment	Not Applicable		
Environmental Management Plan	Not Applicable		
Any other issues related to environmental sustainability	Not Applicable		
	Brief informa	tion of the project by SEAC	
PP submitted their appl	ication for the grant of T	OR under category 5(j)B1 as per EIA Notification, 2006 for expansion of	

existing unit. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015 in 139th meeting of SEAC where in ToR was granted.

The Public Hearing reprot submitted by the PP.

DECISION OF SEAC

After deliberations with the PP and their accredited consultatnt SEAC decided to defer the proposal till PP submits compliance of following points,

Specific Conditions by SEAC:

1) PP to submit revised lay out plan showing internal roads with six meter width and nine meter turning radius, location of pollution control equipment, parking areas, Raw Material and Finished product storage areas, 33% green belt with its dimensions, rain water harvesting pit/tank locations with dimensions, storm water drain lines, along with area statement showing calculations of each area and cross sections of storm water drain and rain water harvesting pits etc. 2) PP to submit an undertaking for not violating any requirement of EIA Notification,2006.

3) PP to prepare and implement plan to achieve 100% drip irrigation for sugar cane cultivation. PP to promote improved cultivation practices so as to enhance sugar cane production and productivity to meet their crushing requirements without bringing additional area under sugar cane cultivation.

4) PP to submit detailed water balance calculations showing quantity of water generating from the process, quantity of fresh water requirement, quantity of waste water generation, quantity of treated waste water generations, point wise recycle /reuse of treated waste water, quantity of waste water remains after recycle/reuse and its disposal mechanism. PP to implement Zero Liquid Discharge for ETP and submit a commitment in this regard.

AC decis. FINAL RECOMMENDATION

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

aggrowinger Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 157th (A) Meeting Date: November 20, 2018

Signature:

1 ê.

157th (A) Meeting of State Level Expert Appraisal Committee (SEAC-1) SEAC Meeting number: 157th (A) Meeting Date November 20, 2018

Subject: En	Subject: Environment Clearance for Proposed Manufacturing of Generic Drug and Active Pharmaceutical Ingredients						
Is a Violati	on Case: No						
1.Name of P	roject	M/s. Glenmar	k Pharmaceuticals Ltd.				
2.Type of ins	stitution	Private					
3.Name of P	roject Proponent	Mr. John Sala	ve				
4.Name of C	onsultant	JV Analytical	Services				
5.Type of pr	oject	Industrial Pro	oject				
6.New project/mode in existing p	ct/expansion in existing ernization/diversification roject	Expansion in	existing Project	0			
7.If expansion whether enveloped by has been obtained project	on/diversification, ironmental clearance tained for existing	NA		60			
8.Location o	f the project	Plot No.A-80					
9.Taluka		Daund					
10.Village		Kurkumbh	C				
Corresponde	ence Name:	Mr. John Sala	ive				
Room Numb	er:	Plot No.A-80					
Floor:		-					
Building Nat	me:	M/s. Glenmar	k Pharmaceuticals Ltd.				
Road/Street	Name:	Plot No.A-80					
Locality:		MIDC Kurkur	nbh				
City:		Taluka : Daund, Dist : Pune					
11.Area of tl	ne project	MIDC kurkun	nbh				
		In Process					
12.10D/10A/ Approval Nu	Concession/Plan mber	IOD/IOA/Concession/Plan Approval Number: -					
		Approved Built-up Area: 2919.50					
13.Note on t applicable)	he initiated work (If	NA					
14.LOI / NO Other appro	C / IOD from MHADA/ vals (If applicable)	NA					
15.Total Plo	t Area (sq. m.)	7200 sqm					
16.Deductio	ns	Y					
17.Net Plot	area	-					
10 (a) Drama	and Durit up Aven (ECL C	a) FSI area (sq. m.): Existing - 3694 + Proposed - 336					
Non-FSI)	seu Duitt-up Area (FSI &	b) Non FSI area (sq. m.): -					
		c) Total BUA area (sq. m.): 4030					
10 (h) Annre	wed Duilt up area as nor	Approved FSI area (sq. m.): 2919.50					
DCR	weu buiit up area as per	Approved Non FSI area (sq. m.): -					
		Date of Approval: 22-05-2014					
19.Total gro	und coverage (m2)	2934.55					
20.Ground-c (Note: Perce to sky)	overage Percentage (%) entage of plot not open	40.75% of Total Plot Area					
21.Estimate	d cost of the project	206000000					
	22.Num	ber of l	ouildings & its config	guration			
Serial number	Building Name & 1	number	Number of floors	Height of the building (Mtrs)			

Abhay Pimparkar (Secretary SEAC-I)

1	ľ	Not applicabl	e	Ν	lot applicable	Not applicable						
23.Number tenants an	r of d shops	NA	JA									
24.Number expected r users	r of esidents /	NA	A									
25.Tenant per hectar	density e	NA	Α									
26.Height building(s)	of the)											
27.Right o (Width of t from the n station to t proposed b	f way the road earest fire the ouilding(s)	25 meter	5 meter									
28.Turning for easy ac fire tender movement around the excluding for the pla	g radius ccess of from all building the width ntation	9 meter				0010-						
29.Existing structure	g (s) if any	3694 sqm										
30.Details demolition disposal (I applicable	of the with f)	NA										
			31. P	roduct	ion Details							
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)						
1	Diac	erein	erein 2400 Kg/Annum		-2400 Kg/Annum	0 Kg/Annum						
2	Sertaco Nitra	onazole ate(B)	600 Kg/	/Annum	1900 Kg/Annum	2500 Kg/Annum						
3	Sitag Phospl	liptin hate(B)	1200 Kg	J/Annum	-200 Kg/Annum	1000 Kg/Annum						
4	Strontium LRN	n Ranelate M(B)	1200 Kg	J/Annum	-650 Kg/Annum	550 Kg/Annum						
5	Linezo	olid(C)	12000 K	g/Annum	-7000 Kg/Annum	5000 Kg/Annum						
6	Olme: Medox	sartan omil(C) 14400 Kg/Annum -6400 Kg/Annum 8000 Kg/Annum										
7	Lornox	icam(C)	1200 Kg	/Annum	-510 Kg/Annum	690 Kg/Annum						
8	Roflum	ilast(B)	240 Kg/	/Annum	-230 Kg/Annum	10 Kg/Annum						
9	Adapale microsp	ene 10% ohere(A)	()	100 Kg/Annum	100 Kg/Annum						
10	Bisoj Fumai	prolol rate(A)	()	200 Kg/Annum	200 Kg/Annum						
11	Palonas	artan(A)	()	1 Kg/Annum	1 Kg/Annum						
12	Prasugre	el HCL(A)	()	10 Kg/Annum	10 Kg/Annum						
13	Aprem	ilast(B)	()	1000 Kg/Annum	1000 Kg/Annum						
14	Aprepi	tant (B)	()	30 Kg/Annum	30 Kg/Annum						
15	Azelnid	ipine(B)	()	15 Kg/Annum	15 Kg/Annum						

agger of the ser Abhay Pimparkar (Secretary SEAC-I)

	Signature:
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17 Linegolid Water base(B) 0 14 kg/Annum 14 kg/Annum 18 Linegolid Water base(B) 0 500 kg/Annum 500 kg/Annum 19 Telmisartan L195 (B) 0 7500 Kg/Annum 7500 Kg/Annum 20 Teneligliptin HBC (D) 0 10400 Kg/Annum 10400 Kg/Annum 21 Teneligliptin HC (D) 0 150 Kg/Annum 150 Kg/Annum 22 Teneligliptin MC (D) 0 500 Kg/Annum 500 Kg/Annum 23 Dabigatran Etecliate (B) 0 500 Kg/Annum 500 Kg/Annum 24 Rosuvastatin CA:(GGL) (L157) (C) 0 20 Kg/Annum 20 Kg/Annum 25 Adapalenc(D) 0 20 Kg/Annum 1000 Kg/Annum 26 Luticonazole(D) 0 1000 Kg/Annum 1000 Kg/Annum 27 Intermediate GGL- S103(F) 0 1000 Kg/Annum 1000 Kg/Annum 28 R & D Product & 0 100 Kg/Annum 100 Kg/Annum 30 Lamitapide Intermediate GGL- S10 (F) 0 100 Kg/Annum 100 Kg/Annum	16	Butenafine HCI(B)	0	160 Kg/Annum	160 Kg/Annum
18 Linecold water base(B) 0 500 Kg/Annum 500 Kg/Annum 19 Telmisartan L195 (B) 0 7500 Kg/Annum 10400 Kg/Annum 20 Teneligliptin HCr (B) 0 10400 Kg/Annum 10400 Kg/Annum 21 Teneligliptin HCr (B) 0 150 Kg/Annum 150 Kg/Annum 22 Teneligliptin Oxalate (B) 0 500 Kg/Annum 500 Kg/Annum 23 Dabigatran Ebxilate Mesylate(C) 0 500 Kg/Annum 500 Kg/Annum 24 Rosuvastatin Ca.(CGL L157) (C) 0 20 Kg/Annum 20 Kg/Annum 26 Luliconazole(D) 0 20 Kg/Annum 1000 Kg/Annum 27 Intermediate GGL D Product K 0 1000 Kg/Annum 1000 Kg/Annum 28 R & D Product K 0 1000 Kg/Annum 1000 Kg/Annum 30 Intermediate GGL-S103(P) 0 50 Kg/Annum 100 Kg/Annum 31 Intermediate GGL-S103(P) 0 150 Kg/Annum 150 Kg/Annum 32 Lomitapide Intermediate GGL-S00 (P) 150 Kg/Annum 150	17	Linagliptin LRM(B)	0	14 Kg/Annum	14 Kg/Annum
19 Telmisartan L195 (B) 0 7500 Kg/Annum 7500 Kg/Annum 20 Teneligliptin HPr Hydrate (B) 0 10400 Kg/Annum 10400 Kg/Annum 21 Teneligliptin HCI (B) 0 150 Kg/Annum 150 Kg/Annum 22 Teneligliptin Coslate (B) 0 150 Kg/Annum 150 Kg/Annum 23 Dabigatran Etoxilate (B) 0 500 Kg/Annum 500 Kg/Annum 24 Rosuvastatin Ca.(CGL- L157) (C) 0 500 Kg/Annum 20 Kg/Annum 25 Adapalene(D) 0 20 Kg/Annum 20 Kg/Annum 26 Luiconazole(D) 0 1000 Kg/Annum 1000 Kg/Annum 27 Intermediates and R & Bilostine (F) 0 1000 Kg/Annum 1000 Kg/Annum 28 R & D Product & Bilostine (F) 0 100 Kg/Annum 1000 Kg/Annum 30 Canagilitozin Intermediate CGL- S151 (F) 0 150 Kg/Annum 100 Kg/Annum 31 Intermediate CGL- S154(F) 0 150 Kg/Annum 150 Kg/Annum 32 Lomitapide Intermediate S160 (F) 0	18	Linezolid water base(B)	0	500 Kg/Annum	500 Kg/Annum
20 Tenelighptin HBr Hydrate (B) 0 10400 Kg/Annum 10400 Kg/Annum 21 Tenelighptin HCI (B) 0 150 Kg/Annum 150 Kg/Annum 22 Tenelighptin CAIabe (B) 0 150 Kg/Annum 150 Kg/Annum 23 Dabigatran Etexiate Mesylate(C) 0 500 Kg/Annum 500 Kg/Annum 24 Rostvastatin Ca.(GGL L157) (C) 0 500 Kg/Annum 20 Kg/Annum 25 Adapalene(D) 0 1000 Kg/Annum 20 Kg/Annum 26 Luliconazole(D) 0 1000 Kg/Annum 1000 Kg/Annum 27 Intermediates and R & D Products & Blastine (E) 0 1000 Kg/Annum 1000 Kg/Annum 28 R & D Product & Blastine (E) 0 1000 Kg/Annum 1000 Kg/Annum 29 Ivacatra GGL-S103(F) 0 50 Kg/Annum 100 Kg/Annum 30 Intermediate GGL-S103(F) 0 150 Kg/Annum 100 Kg/Annum 31 Intermediate GGL-S103(F) 0 150 Kg/Annum 150 Kg/Annum 32 Lomitrapide Intermediate GGL-S103(F) 0	19	Telmisartan L195 (B)	0	7500 Kg/Annum	7500 Kg/Annum
21 Teneligliptin (Xalate (B) 0 150 Kg/Annum 150 Kg/Annum 22 Teneligliptin (Xalate (B) 0 150 Kg/Annum 150 Kg/Annum 23 Dabigatran Etoxilate (Messilate(C) 0 500 Kg/Annum 500 Kg/Annum 24 Rouvestatin Ca.(GGL L157) (C) 0 200 Kg/Annum 200 Kg/Annum 25 Adapalene(D) 0 1000 Kg/Annum 200 Kg/Annum 26 Lubconazol(D) 0 1000 Kg/Annum 200 Kg/Annum 27 Intermediates and R & D Products - - - 28 R & D Products 0 1000 Kg/Annum 1000 Kg/Annum 29 Ivacaftor GGL-S103(F) 0 500 Kg/Annum 500 Kg/Annum 30 Intermediate GGL-S103(F) 0 150 Kg/Annum 1000 Kg/Annum 31 Dapaglificzin Intermediate GGL- 0 150 Kg/Annum 150 Kg/Annum 32 Lumitapide Intermediate S10 0 200 Kg/Annum 150 Kg/Annum 33 Lornoxicam S1 B Intermediate S160 (F) 0 150 Kg/Annum <	20	Teneligliptin HBr Hydrate (B)	0	10400 Kg/Annum	10400 Kg/Annum
22 Toneligibith Oxalate (B) 0 150 Kg/Annum 150 Kg/Annum 23 Dabigatran Etexilate Mesylato(C) 0 500 Kg/Annum 500 Kg/Annum 24 Rosuvastatin Ca.(GCL L157) (C) 0 500 Kg/Annum 20 Kg/Annum 25 Adapalene(D) 0 20 Kg/Annum 20 Kg/Annum 26 Luliconazole(D) 0 1000 Kg/Annum 1000 Kg/Annum 27 Intermediate SR 0 1000 Kg/Annum 1000 Kg/Annum 28 R & D Product & Blastine (CL) 0 50 Kg/Annum 50 Kg/Annum 29 Ivacaftor GGL-S103(F) 0 50 Kg/Annum 1000 Kg/Annum 30 Lanitatide GGL-S103(F) 0 100 Kg/Annum 100 Kg/Annum 30 Dapagifilozin Intermediate GGL-S103(F) 0 150 Kg/Annum 150 Kg/Annum 31 Intermediate GGL-S103(F) 0 150 Kg/Annum 100 Kg/Annum 32 Lomitajide Intermediate GGL-S102(F) 0 150 Kg/Annum 150 Kg/Annum 33 Lomitajide Intermediate S160 (F) 0 150 Kg	21	Teneligliptin HCI (B)	0	150 Kg/Annum	150 Kg/Annum
23Dabigatan Etexilate Mesylate(C)0500 Kg/Annum500 Kg/Annum24Rosuvastatin Ca.(GCI- L157) (C)020 Kg/Annum20 Kg/Annum25Adapalene(D)020 Kg/Annum20 Kg/Annum26Luliconazole(D)01000 Kg/Annum1000 Kg/Annum27Intermediates and R & D Product & Blastine (C)01000 Kg/Annum1000 Kg/Annum29Ivacaftor GGL-S103(F)050 Kg/Annum50 Kg/Annum30Canagififozin Intermediate GGL- S151 (F)050 Kg/Annum100 Kg/Annum31Dapagififozin Intermediate GGL- S184(F)0150 Kg/Annum150 Kg/Annum32Lomitapide Intermediate GGL- S184(F)0150 Kg/Annum150 Kg/Annum33Loritapide Intermediate S160 (F)0150 Kg/Annum200 Kg/Annum34Luliconazole(F) Intermediate S160 (F)0150 Kg/Annum500 Kg/Annum35Rosuvastin st. D Intermediate S160 (F)0500 Kg/Annum500 Kg/Annum36Appentifiene Intermediate S160 (F)0500 Kg/Annum500 Kg/Annum37Rosuvastin st. D Intermediate S160 (F)0500 Kg/Annum500 Kg/Annum38Lacosamide (G)0500 Kg/Annum100 Kg/Annum39Apisaben Intermediate GGL- (G)0100 Kg/Annum600 Kg/Annum40Cilazapril Intermediate GGL- (G)0600 Kg/Annum600 Kg/Annum39Apisaben Intermediate GGL- (G)0 <td>22</td> <td>Teneligliptin Oxalate (B)</td> <td>0</td> <td>150 Kg/Annum</td> <td>150 Kg/Annum</td>	22	Teneligliptin Oxalate (B)	0	150 Kg/Annum	150 Kg/Annum
24 Resuvatin Ca (GGL L157) (C) 0 500 Kg/Annum 500 Kg/Annum 25 Adapalenc(D) 0 20 Kg/Annum 20 Kg/Annum 26 Luliconazole(D) 0 1000 Kg/Annum 1000 Kg/Annum 27 Intermediates and R & D Product & Bilastine (E) 0 1000 Kg/Annum 1000 Kg/Annum 28 R & D Product & Bilastine (E) 0 1000 Kg/Annum 1000 Kg/Annum 29 Ivacaftro GGL-S103(F) 0 50 Kg/Annum 50 Kg/Annum 30 Canagilfozin Intermediate GGL- S151 (F) 0 150 Kg/Annum 100 Kg/Annum 31 Dapagifiozin Intermediate GGL- S154 (F) 0 150 Kg/Annum 150 Kg/Annum 32 Lomitapide Intermediate S160 (F) 0 150 Kg/Annum 200 Kg/Annum 33 Loronxicam St. B Intermediate S160 (F) 0 150 Kg/Annum 150 Kg/Annum 34 Haremediate S160 (F) 0 150 Kg/Annum 50 Kg/Annum 35 Nospemifene Intermediate S160 (F) 0 500 Kg/Annum 500 Kg/Annum 38 Lacosamide (G) <td>23</td> <td>Dabigatran Etexilate Mesylate(C)</td> <td>0</td> <td>500 Kg/Annum</td> <td>500 Kg/Annum</td>	23	Dabigatran Etexilate Mesylate(C)	0	500 Kg/Annum	500 Kg/Annum
25 Adapalene(D) 0 20 Kg/Annum 20 Kg/Annum 26 Luliconazole(D) 0 1000 Kg/Annum 1000 Kg/Annum 27 Intermediates and R D Products - - - 28 R & D Products 0 1000 Kg/Annum 1000 Kg/Annum 29 Ivacaftor GGL-S103(F) 0 50 Kg/Annum 50 Kg/Annum 30 Canagliflozin Intermediate GCL- S151 (F) 0 100 Kg/Annum 100 Kg/Annum 31 Dapagliflozin Intermediate GCL- S154 (F) 0 150 Kg/Annum 150 Kg/Annum 32 Lomitapide Intermediate GCL- S154 (F) 0 200 Kg/Annum 150 Kg/Annum 33 Lornoxicam St. B Int.(F) 0 200 Kg/Annum 200 Kg/Annum 34 Luliconazole Intermediate S160 (F) 0 150 Kg/Annum 150 Kg/Annum 35 Rospemifera Intermediate S161 (F) 0 150 Kg/Annum 500 Kg/Annum 36 Dspemifera Intermediate S161 (F) 0 500 Kg/Annum 500 Kg/Annum 37 Rosevarastiffic P 0 500 Kg/	24	Rosuvastatin Ca.(GGL- L157) (C)	0	500 Kg/Annum	500 Kg/Annum
26Luliconazole(D)01000 Kg/Annum1000 Kg/Annum27Intermediates and R & D Product & D Product & D Product & O R & D Product & D Product & Silastine (E)01000 Kg/Annum1000 Kg/Annum28R & D Product & D Bagaliflozin Intermediate GGL- SIST (F)050 Kg/Annum50 Kg/Annum30Canagliflozin Intermediate GGL- SIST (F)0100 Kg/Annum100 Kg/Annum31Dapagiflozin Intermediate GGL- SIST (F)0150 Kg/Annum150 Kg/Annum32Lomitapide Intermediate GGL- SIST (F)0200 Kg/Annum200 Kg/Annum33Lomitapide Intermediate SIG(F)0150 Kg/Annum150 Kg/Annum34Lomitapide Intermediate SIG(F)0150 Kg/Annum500 Kg/Annum35Ospemifene Intermediate SIG(F)0500 Kg/Annum500 Kg/Annum36Ospemifene Intermediate SIG(F)0500 Kg/Annum500 Kg/Annum37Resuvastatin st. D Inft (GL D'D03)(F)0500 Kg/Annum500 Kg/Annum38Lacosamide (G)0340 Kg/Annum100 Kg/Annum39Apixaben Intermediate (GL Intermediate SIG(F)0340 Kg/Annum340 Kg/Annum40Lacosamide (G) Intermediate (GL- S078(G)0600 Kg/Annum340 Kg/Annum41Lacosamide (GL- Intermediate GGL- S078(G)0100 Kg/Annum340 Kg/Annum43Lacosamide (GL- Intermediate GGL- S078(G)0100 Kg/Annum340 Kg/Annum<	25	Adapalene(D)	0	20 Kg/Annum	20 Kg/Annum
27Intermediates and R & D Products28R & D Product & Bilastine (E)01000 Kg/Annum1000 Kg/Annum29Ivacaftor GGL-S103(F)050 Kg/Annum50 Kg/Annum30Cnanagliflozin Intermediate GGL S151 (F)0100 Kg/Annum100 Kg/Annum31Dapagliflozin Intermediate GGL S184(F)0150 Kg/Annum150 Kg/Annum32Lomitapide Intermediate GGL OGL-S202 (F)0150 Kg/Annum150 Kg/Annum33Loroxicam St. B Int.(F)0200 Kg/Annum200 Kg/Annum34Luliconazole Intermediate S160 (F)0150 Kg/Annum150 Kg/Annum35Ospemifene Intermediate S166 (F)0500 Kg/Annum500 Kg/Annum36Ospemifene (Intermediate S166 (F)0500 Kg/Annum500 Kg/Annum37Rosuyasthif st. D (G)0500 Kg/Annum500 Kg/Annum38Lacosamide (G)0340 Kg/Annum100 Kg/Annum39ApiXaben Intermediate (GL (G)0340 Kg/Annum340 Kg/Annum41Lacosamide (G) Intermediate (GL- (S7)0600 Kg/Annum600 Kg/Annum42Lomitapide Intermediate (GL- S707(C)0100 Kg/Annum100 Kg/Annum	26	Luliconazole(D)	0	1000 Kg/Annum	1000 Kg/Annum
28R & D Product & Bilastine (E)01000 Kg/Annum1000 Kg/Annum29Ivacator GGL-S103(F)050 Kg/Annum50 Kg/Annum30Canagliflozin Intermediate GGL- S151 (F)0100 Kg/Annum100 Kg/Annum31Dapagliflozin Intermediate GGL- S184(F)0150 Kg/Annum150 Kg/Annum32Lomitapide Intermediate GGL-S202 (F)0150 Kg/Annum150 Kg/Annum33Lornoxican St. B Intermediate S160 (F)0200 Kg/Annum200 Kg/Annum34Luliconazole Intermediate S160 (F)0150 Kg/Annum150 Kg/Annum35Ospemifiene Intermediate S160 (F)0150 Kg/Annum150 Kg/Annum36Aspentiene (G)0500 Kg/Annum500 Kg/Annum37Rostuvastrin st. D int (GCL D030)(F)0500 Kg/Annum500 Kg/Annum38Lacosamide (G)0500 Kg/Annum100 Kg/Annum39Apixaben Intermediate (G)0340 Kg/Annum340 Kg/Annum40Cilazapril Intermediate (G)0340 Kg/Annum600 Kg/Annum41Lacosamide (G) Lorosof(G)0100 Kg/Annum600 Kg/Annum42Lomitapide Intermediate GCL- S078(G)0100 Kg/Annum100 Kg/Annum	27	Intermediates and R & D Products	-	-	<u> </u>
29Ivacaftor GGL-S103(F)050 Kg/Annum50 Kg/Annum30Canagliflozin Intermediate GGL- S151 (F)0100 Kg/Annum100 Kg/Annum31Dapagliflozin Intermediate GGL- S184(F)0150 Kg/Annum150 Kg/Annum32Lomitapide Intermediate GGL- S0 Kg/C (F)0150 Kg/Annum150 Kg/Annum33Lomitapide Intermediate GGL- GGL-S202 (F)0200 Kg/Annum200 Kg/Annum34Luliconazole Intermediate S160 (F)0150 Kg/Annum150 Kg/Annum35Ospemifene Intermediate S166 (F)0150 Kg/Annum50 Kg/Annum36Ospemifene Intermediate S166 (F)0500 Kg/Annum500 Kg/Annum37Rosivastatin st. D int.(GI-D038)(F)0500 Kg/Annum500 Kg/Annum39Apixaben Intermediate (G)0340 Kg/Annum100 Kg/Annum40Cilazapril Intermediate GGL S078(G)0340 Kg/Annum340 Kg/Annum41Lacosamide (G) NO78(G)0100 Kg/Annum600 Kg/Annum42Lomitapide Intermediate GGL- S078(G)0100 Kg/Annum100 Kg/Annum43Mirabregon Int.(G)0150 Kg/Annum100 Kg/Annum	28	R & D Product & Bilastine (E)	0	1000 Kg/Annum	1000 Kg/Annum
30Canagilifozin Intermediate GGL- S151 (F)0100 Kg/Annum100 Kg/Annum31Dapagilifozin Intermediate GGL- 	29	Ivacaftor GGL-S103(F)	0	50 Kg/Annum	50 Kg/Annum
31Dapagliflozin Intermediate GGL- S184(F)0150 Kg/Annum150 Kg/Annum32Lomitapide Intermediate GGL-5202 (F)0150 Kg/Annum150 Kg/Annum33Lornoxicam St. B Int.(F)0200 Kg/Annum200 Kg/Annum34Luliconazole Intermediate S160 (F)0150 Kg/Annum150 Kg/Annum35Ospemifene Intermediate S166 (F)0150 Kg/Annum150 Kg/Annum36Ospemifene Intermediate S166 (F)0500 Kg/Annum500 Kg/Annum37Resuvastatin st. D Intermediate S166 (F)0500 Kg/Annum500 Kg/Annum38Lacosamide (G)0500 Kg/Annum100 Kg/Annum39Apixaben Intermediate (G)0340 Kg/Annum340 Kg/Annum40Cilazapril Intermediate GGL- S078(c)0340 Kg/Annum600 Kg/Annum41Lacosamide Intermediate GGL- S078(c)0100 Kg/Annum600 Kg/Annum43Mirabregron Int.(G)0150 Kg/Annum100 Kg/Annum	30	Canagliflozin Intermediate GGL- S151 (F)	0	100 Kg/Annum	100 Kg/Annum
32Lomitapide Intermediate GGL-5202 (F)0150 Kg/Annum150 Kg/Annum33Lornoxicam St. B Int.(F)0200 Kg/Annum200 Kg/Annum34Luliconazole Intermediate S160 (F)0150 Kg/Annum150 Kg/Annum35Ospemifene Intermediate S211 (F)0150 Kg/Annum150 Kg/Annum36Ospemifene Intermediate S166 (F)0500 Kg/Annum500 Kg/Annum37Rosuvastatin st. D 	31	Dapagliflozin Intermediate GGL- S184(F)	0	150 Kg/Annum	150 Kg/Annum
33Lornoxicam St. B Int.(F)0200 Kg/Annum200 Kg/Annum34Luliconazole Intermediate S160 (F)0150 Kg/Annum150 Kg/Annum35Ospemifene Intermediate S211 (F)0150 Kg/Annum150 Kg/Annum36Ospemifene Intermediate S166 (F)050 Kg/Annum50 Kg/Annum37Rosuvastatin st. D int.(GCI-D038)(F)0500 Kg/Annum500 Kg/Annum38Lacosamide (G)0500 Kg/Annum500 Kg/Annum39Apixaben Intermediate (G)0340 Kg/Annum100 Kg/Annum40Cilazapril 	32	Lomitapide Intermediate GGL-5202 (F)	0	150 Kg/Annum	150 Kg/Annum
34Luliconazole Intermediate S160 (F)0150 Kg/Annum150 Kg/Annum35Ospemifene Intermediate S211 (F)0150 Kg/Annum150 Kg/Annum36Ospemifene Intermediate S166 (F)050 Kg/Annum50 Kg/Annum37Rosuvastatin st. D int.(GGLD038)(F)0500 Kg/Annum500 Kg/Annum38Lacosamide (G)0500 Kg/Annum500 Kg/Annum39Apixaben Intermediate (G)0340 Kg/Annum100 Kg/Annum40Cilazapril Intermediate GGL- 	33	Lornoxicam St. B Int.(F)	0	200 Kg/Annum	200 Kg/Annum
35Ospemifene Intermediate S211 (F)0150 Kg/Annum150 Kg/Annum36Ospemifene Intermediate S166 (F)050 Kg/Annum50 Kg/Annum37Rosuvastatin st. D int. (GL D038) (F)0500 Kg/Annum500 Kg/Annum38Lacosamide (G)0500 Kg/Annum500 Kg/Annum39Apixaben Intermediate 	34	Luliconazole Intermediate S160 (F)	0	150 Kg/Annum	150 Kg/Annum
36Ospemifene Intermediate S166 (F)050 Kg/Annum50 Kg/Annum37Rosuvastatin st. D int. (GGL D038)(F)0500 Kg/Annum500 Kg/Annum38Lacosamide (G)0500 Kg/Annum500 Kg/Annum39Apixaben Intermediate (G)0100 Kg/Annum100 Kg/Annum40Cilazapril 	35	Ospemifene Intermediate S211 (F)	0	150 Kg/Annum	150 Kg/Annum
37Rosuvastatin st. D int.(GGL D038)(F)0500 Kg/Annum500 Kg/Annum38Lacosamide (G)0500 Kg/Annum500 Kg/Annum39Apixaben Intermediate (G)0100 Kg/Annum100 Kg/Annum40Cilazapril Intermediate (G)0340 Kg/Annum340 Kg/Annum41Lacosamide 	36	Ospemifene Intermediate S166 (F)	0	50 Kg/Annum	50 Kg/Annum
38Lacosamide (G)0500 Kg/Annum500 Kg/Annum39Apixaben Intermediate (G)0100 Kg/Annum100 Kg/Annum40Cilazapril Intermediate (G)0340 Kg/Annum340 Kg/Annum41Lacosamide Intermediate GGL- 	37	Rosuvastatin st. D int.(GGL-D038)(F)	0	500 Kg/Annum	500 Kg/Annum
39Apixaben Intermediate (G)0100 Kg/Annum100 Kg/Annum40Cilazapril Intermediate (G)0340 Kg/Annum340 Kg/Annum41Lacosamide Intermediate GGL- 	38	Lacosamide (G)	0	500 Kg/Annum	500 Kg/Annum
40Cilazapril Intermediate (G)0340 Kg/Annum340 Kg/Annum41Lacosamide Intermediate GGL- S078(G)0600 Kg/Annum600 Kg/Annum42Lomitapide Intermediate GGL- S192(G)0100 Kg/Annum100 Kg/Annum43Mirabregron Int.(G)0150 Kg/Annum150 Kg/Annum	39	Apixaben Intermediate (G)	0	100 Kg/Annum	100 Kg/Annum
Lacosamide Intermediate GGL- S078(G)0600 Kg/Annum41Lomitapide Intermediate GGL- 	40	Cilazapril Intermediate (G)	0	340 Kg/Annum	340 Kg/Annum
Lomitapide Intermediate GGL- S192(G)0100 Kg/Annum100 Kg/Annum43Mirabregron Int.(G)0150 Kg/Annum150 Kg/Annum	41	Lacosamide Intermediate GGL- S078(G)	0	600 Kg/Annum	600 Kg/Annum
43 Mirabregron Int.(G) 0 150 Kg/Annum 150 Kg/Annum	42	Lomitapide Intermediate GGL- S192(G)	0	100 Kg/Annum	100 Kg/Annum
	43	Mirabregron Int.(G)	0	150 Kg/Annum	150 Kg/Annum

Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 157th (A) Meeting Date: November 20, 2018 Page 77 of 101 Signature: Name: Dr. Umakant Gangetreo Dangat Dr. Umakant Dangat (Chairman SEAC-I)

44	Rizatriptin	St.A Int.(G)	()	60 Kg/Annum	60 Kg/Annum			
45	Dydroges	strone (G)	()	500 Kg/Annum	500 Kg/Annum			
46	Fingolim	od Int.(H)	0		50 Kg/Annum	50 Kg/Annum			
47	Ivacaftor ((I	GGL-S131) H)	()	100 Kg/Annum	100 Kg/Annum			
48	То	tal	33240 K	g/Annum	11760 Kg/Annum	45000 Kg/Annum			
49	Note: Tota Productic cross 45 includii quantity fc 311 Kg/Yea 23979 Kg/Y C: 14690 Group 1 Kg/Year, 1000 Kg/Y F: 1500 Group 0 Kg/Year & 150 K	l Proposed on will not MT/Year ng total or Group A: r, Group B: Year, Group Kg/Year, D: 1020 Group E: ear, Group Kg/Year, G: 2350 a Group H: g/Year			-	001.68			
		3	2.Tota	l Wate	r Requiremen	t			
	Source of water			MIDC Kurk	umbh				
		Fresh wate	resh water (CMD):						
		Recycled water - Flushing (CMD):							
		Recycled water - Gardening (CMD):		0					
		Swimming make up (Swimming pool make up (Cum):		Not applicable				
Dry season:		Total Water Requirement (CMD) :		70					
		Fire fightin Undergrou tank(CMD	ng - Ind water):	-					
		Fire fightin Overhead tank(CMD	ng - water):	80 KL					
		Excess trea	ated water	-					
		Y							



	Source of wa	ter	MIDC Kurku	ımbh					
		Fresh water (CMD):		70					
		Recycled wat Flushing (CM	er - 1D):	-					
		Recycled wat Gardening (C	er - CMD):	0					
		Swimming po make up (Cu	ool m):	Not applicat	ble				
Wet season: Total Water Requirement (CMD) :			70						
		Fire fighting Underground tank(CMD):	- I water	-				9	
		Fire fighting Overhead wa tank(CMD):	- ter	80 KL				6	
		Excess treate	ed water	-					
Details of s pool (If an	Swimming y)	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
Industrial Process	26	8	34	13.5	1.5	15	12.5	6.5	19
Cooling tower & thermopa ck	17	3	20	16.5	2.2	18.7	0.5	0.8	1.3
Domestic	9	3	12	2	0.3	2.3	7	2.7	9.7
Gardening	2	2	4	0	0	0	0	0	0
		Level of the water table:	Ground	7 meter BGL					
		Size and no of RWH tank(s) and Quantity:		8 nos. of RWH tanks will be constructed having capacity 1000 ltr. of each					
	5	Location of t tank(s):	he RWH	Adjacent to boundary wall of the industry.					
34.Rain V Harvestin	Water ng	Quantity of r pits:	echarge	Nil					
(RWH)		Size of recha :	rge pits	NA					
		Budgetary al (Capital cost	location) :	Rs. 0.65 Lak	h				
		Budgetary al (O & M cost)	location :	Rs. 0.20 Lak	:h/Year				
		Details of UC if any :	GT tanks	10 KL x 4 ta	nks (15 KL x 3	8 Overhea	d tank)		

approvers	
Abhay Pimparkar (Secretary SEAC-I)	SEA

	Natural water drainage pattern:	-				
35.Storm water drainage	Quantity of storm water:	5.15 m3/day				
	Size of SWD:	-				
	•					
	Sewage generation in KLD:	9.7				
	STP technology:	Septic tank overflow will be connected to ETP				
Sewage and	Capacity of STP (CMD):	Treated in ETP -30 KLD- 1 no.				
Waste water	Location & area of the STP:	ETP Area: 217.83 m2				
	Budgetary allocation (Capital cost):	ETP-Rs. 50 Lakh				
	Budgetary allocation (O & M cost):	ETP- Rs. 20 Lakh/Year				
36.Solid waste Management						
Waste generation in	Waste generation:	NA				
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	NA				
	Dry waste:	Office Waste - 0.5 MT/M, Packing Waste -1.0 MT/M				
	Wet waste:	Canteen Sludge - 0.5 MT/M and Septic tank sludge 0.5 MT/M				
Waste generation	Hazardous waste:	Details given in Hazardous waste column				
in the operation Phase:	Biomedical waste (If applicable):	Not Applicable				
	STP Sludge (Dry sludge):	Septic tank sludge 0.5 MT/M				
	Others if any:	NA				
	Dry waste:	Sold to outside party				
	Wet waste:	After drying sent to authorized recycler				
	Hazardous waste:	CHWTSDF				
Mode of Disposal of waste:	Biomedical waste (If applicable):	Not Applicable				
	STP Sludge (Dry sludge):	Sent to authorized recycler				
	Others if any:	NA				
	Location(s):	-				
Area requirement:	Area for the storage of waste & other material:	4 m X 6 m = 24 m 2				
	Area for machinery:	-				
Budgetary allocation	Capital cost:	-				
O&M cost):	O & M cost:	Hazardous waste Disposal- Rs. 21 Lakh/Year				
	37.Ef	fluent Charecterestics				

Abhay Pimparkar (Secretary SEAC-I) SEAC Meeting No: 157th (A) Meeting Date: November 20, 2018 Page 80 of 101 Dr. Umakant Gangate Dangat (Chairman SEAC-I)

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics		Outlet Effluent Charecterestics		Effluent discharge standards (MPCB)
1	pН	-	6	.8	7.8		5.5-9.0
2	TSS	mg/lit	36	3.7	78.8		100
3	TDS	mg/lit	415	53.5	1719		2100
4	COD	mg/lit	148	646	22	27	250
5	BOD	mg/lit	551	L07	86	5.9	100
6	Chloride	mg/lit	18	80	39	93	600
7	Sulphate	mg/lit	37	1.8	34	3.5	1000
Amount of e (CMD):	effluent generation	30 m3/day (Trade + Se	wage)			
Capacity of	the ETP:	30 m3/day					
Amount of t recycled :	reated effluent	21 m3/day v	will be recyc	led and bala	nce 9 m3/day	y will be eva	porated in MEE
Amount of v	water send to the CETP:	ZLD propos discharged	ed, however to CETP	in case of m	aintain of M	EE treated e	ffluent will be
Membershi	p of CETP (if require):	Yes					
Note on ET	P technology to be used	Effluent wil treatment f in the Comr	l be treated ollowed by R non Effluent	in ETP plant .O, MEE.& A Treatment I	consisting p TFD. Final T Plant, if requ	rimary secon reated efflue ired in case	ndary & tertiary ent will be discharged of maintenance of MEE.
Disposal of	the ETP sludge	CHWTSDF					
		38.Ha	zardous	Waste D	etails		
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Residue and waste	28.1	MT/Y	216	69	285	CHWDSDF
2	Spent catalyst/spent carbon	28.2/28.3	MT/Y	0.15	23.85	24	RReturn to Manufacture for regeneration/ Disposal to CHWTSDF
3	Date expired discarded and off specified drug	28.5	MT/Y	0.15	4.85	5	CHWTSDF
4	Off specification products	28.4	MT/Y	0.8	4.2	5	CHWTSDF
5	Spent mother liquor	28.5	MT/Y	2.55	497.45	500	Sale to MOEF/MPCB approved recyclers
6	Spent organic solvent	28.6	MT/Y	264	86	350	Sale to MOEF/MPCB approved recyclers
7	Chemical containing residue from decontamination and disposal	34.1	MT/Y	0.20	4.8	5	CHWTSDF
8	Sludge from treatment waste water	35.3	MT/Y	72	23	95	CHWTSDF
9	Discarded container /barrels/liners	33.1	Numbers	50	200	250	CHWTSDF or sale to authorized recyclers.
10	Sludge from wet scrubbers	37.1	MT/Y	0.1	1.9	2	CHWTSDF
11	E waste	-	-	-	-	As & when Generated	Sale to Authorised Recycler

Signature:<

12	Lead Acid wa	l Batteries iste	-	-	-	-	As & when Generated	Return to Supplier /Dealers	
13	Biomedio	cal Waste			-	-	As & when Generated	Send to Authorized Vendor	
			39.	Stacks em	ission D	etails			
Serial Number	erial umber Section & units Fuel Use Quan			Used with antity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Boiler (0 850k	Capacity xg/hr)	LDO	- 60 lit/hr	1	11	0.3	170 Degree C	
2	Boiler (0 850kg/hr)	Capacity - Stand by	LDO	· 60 lit/hr	2	11	0.3	170 Degree C	
3	DG Set	160 KVA	HSD	26 lit/day	3	3.5(Above the roof)	0.2	170 Degree C	
4	Process commo (Scru	s reactor on vent lbber)		NA	4	15	0.3	NA	
5	DG Set	500 KVA	HSD	- 74 lit/hr	5	4.5 (Above thr Roof)	Proposed	Proposed	
6	Boiler (Ca TP	apacity-1.5 PH)	LDO	- 90 lit/hr	6	30	Proposed	Proposed	
7	Process commo (Scru	s reactor on vent lbber)		NA	7	15	Proposed	Proposed	
			40. D	etails of l	Fuel to b	e used			
Serial Number	Тур	oe of Fuel		Existing		Proposed		Total	
1	Light D	iesel oil (LDC))	60 lit/hr	60 lit/hr 90 lit/hr			150 lit/hr	
2	High Spe	eed Disel (HS	D)	26 lit/hr		74 lit/hr		100 lit/hr	
41.Source o	of Fuel		Hin	dustan Petrol	eum or any	other agency			
42.Mode of	Transportat	ion of fuel to	site By	road transpor	tation				
	Total RG area :3031.20 m2 (1191.20 m2 inside the plant and 1840 m2 of MIDC land adjacent to our plant) will be maintain as RG permanently with the permission / agreement with MIDC Kurkumbh								
	CV	No of trees	s to be cu	t No trees w	ill be cut				
43.Gree Develop	43.Green Belt Number of be planted			500 trees v	es will be planted on MIDC plant				
		List of prop native tree	posed s :	Listed in tr	ee list colun	nn			
		Timeline for completion plantation	or n of :	Before com	pletion of p	roposed proje	ect		
	44.Nu	mber and	l list of	trees spe	cies to k	e plante	d in the	ground	
Serial Number	Name of	the plant	Comr	ion Name	e Quantity Characteristics & ecologic importance			eristics & ecological importance	

appropries?			Signature: Name: Dr. Umakant Gaugetreo Dangat
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1	Azadirachta indica	Neem	35	Medicinal value, To control soil erosion.
2	Bahunia racemosa	Apta	20	Every part of the plant is medicinal, Drought tolerant species.
3	Dalbergia sissoo	Shisav	25	Medicinal value, Bird attracting species
4	Erythrina indica	Pangara	20	Fragrant flowers, Drought tolerant species, Birds attracting
5	Gmelina arborea	Shivan	20	Medicinal value, Drought tolerant species, Bird attracting species.
6	Murraya exotica	Kamini	20	Native species, Fragrant flowers.
7	Aegle marmelos	Bel	20	Medicinal value, Drought tolerant species.
8	Putrnjiva roxburghii	Putrnjiva	28	Medicinal value, Drought tolerant species.
9	Melia Azaradichta	Bakam neem	26	Medicinal value, Native species Bird attracting species.
10	Albizia lebek	Shirish	20	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds).
11	Cordia dichotoma	Bhokar	15	Medicinal value, Edible fruits,
12	Bauhinia blackiana	Kanchanraj	16	Every part of the plant is medicinal, Drought tolerant species.
13	Ficus glomerata	Umber	15	Medicinal value, Edible fruits, Bird attracting species
14	Buteamono sperma	Palas	12	Medicinal value, Bird attracting species , To control soil erosion.
15	Syzygium cumini	Jamun	12	Medicinal value, Edible fruit.
16	Anthocephalus kadamba	Kadamb	20	Medicinal value, To control soil erosion, Birds, squirrels, monkey eat fruits.
17	Ficus retusa	Nandruk	25	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant.
18	Pongamia pinnata	Karanj	15	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.
19	Ailanthus excelsa	Maharukh	20	Medicinal value, To control soil erosion.
20	Cassia fistula	Bahawa	15	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
21	Saraca indica	Sita-ashok	21	Medicinal value, Drought tolerant species.
22	Cochlospermum religiosum	Sonsawar	15	Medicinal value, Native species
23	Elaeocarpus sphaericus	Rudraksha	15	Medicinal value, Native species

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approximates			Signature:
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24	Dalberg	ria sissoo	Shis	Sav		35		Medicinal value, Bird attracting species
25	Ficus ai	rnottiana Pay		ar		15		Drought tolerant species, Bird attracting species. To control soil erosion
45	.Total qua	ntity of plants o	n groun	d				
46.Num	ber and	list of shru	bs and	d bushes	s speci	ies t	to be pla	anted in the podium RG:
Serial Number		Name		C/C Dista	nce			Area m2
1		-		-				-
				47.Eı	nergy	y		
		Source of powe supply :	r	MSEDCL				
		During Constru Phase: (Deman Load)	iction d	NA				
		DG set as Powe back-up during construction p	er J hase	NA			C	
Dov	101	During Operation phase (Connection load):	ion ted	Existing 520 KVA and Proposed 430 KVA				
require	requirement: During Operation phase (Demand load):		ion 1	Existing 360 KVA and Proposed 490 KVA				
		Transformer:		Existing - 5	00 KVA 8	A & Proposed – 1600 KVA		
		DG set as Powe back-up during operation phas	er J e:	160 KVA-1 No(Existing) and 500 KVA-1 No(Proposed)				/A- 1 No(Proposed)
		Fuel used:		HSD and L	DO			
		Details of high tension line pa through the pl any:	ssing ot if	No				
		48.Energy	savin	ng by no	n-conv	vent	tional m	ethod:
Solar Street	ight – 12 r	numbers on solar	panel					
		49.D	etail o	calculati	ions &	x % (of saving	g:
Serial Number	E	Energy Conserva	tion Me	asures				Saving %
1	5	Sola	r					1 %
		50.De	tails o	of pollut	ion co	ontro	ol Syste	ms
Source	1	Existing pollutio	n contro	ol system			Pro	posed to be installed
Wastewater Treatment	Wastewater Treatment For Sewage Septic tank and for E consisting primary treatment and in the Common Effluent Treat			ffluent -ETP plantTotal effluent generated from the project will be CMD. This will be treated in ETP plant consist primary secondary & tertiary treatment follower RO, MEE& ATFD. In case of maintenance will discharge to CETP		enerated from the project will be 30 be treated in ETP plant consisting ary & tertiary treatment followed by FD. In case of maintenance will be discharge to CETP		
Air Pollution Control	n Adequate	e Height of the Sta me	.ck, Scru dia	bber with a	lkaline	Adeq	uate Height	of the Stack, Scrubber with alkaline media

approverses			Signature: Name: Dr. Umakant Gangatrao Dangat
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Hazardous Waste managemen	t Produ Spent M	Process Residues & Wastes, off specification products, ETP Sludge is disposed to CHWTSDF and Spent mother liquor, Spent organic solvent Sale to MoEF&CC/MPCB/CPCB approved recyclersProcess Residues & Wastes, off specification products, ETP Sludge Will be disposed to CHWTS and Spent mother liquor, Spent organic solvent S to MoEF&CC/MPCB/CPCB approved recyclers					cification to CHWTSDF c solvent Sale l recyclers		
Noise	Most close D.G. se	of the noi d structur et. The wo plug v	se gei ces. Ao rkers vhile v	nerating equipn coustic systems are provided w working at noisy	A most of the noise generating equipments will be kept in closed structures. Acoustic systems will be provided to D.G. set. The workers will also be provided with ear muff, ear plug while working at noisy area.				
Budgetary	allocatio	on Capit	al cos	st: R	s.1.20 Lak	h			
O&M	O&M cost: -								
51	.Envi	ronm	ent	t <mark>al Mana</mark>	geme	nt pla	n Budge	etary Allocat	ion
			a)	Constructi	i <mark>on pha</mark>	se (witł	Break-u	p):	
Serial Number	Att	tributes		Parame	ter		Total Cost p	er annum (Rs. In La	cs)
1		NA		NA				NA	
			b) Operatio	n Phas	e (with	Break-up)	:	
Serial Number	Cor	nponent		Descript	tion	Capital o L	cost Rs. In acs	Operational and M cost (Rs. in La	aintenance acs/yr)
1	Air Er	nvironmer	nt	Air Pollution System, Sci	Air Pollution Control System, Scrubber		66	0.2	
2	Water I	Environm	ent	Septic tank, E MEE and A	Septic tank, ETP, RO, MEE and ATFD		320 150		
3	Env Moni Mar	Environment Monitoring and Management		Post Project Environmental Monitoring: Ambient Air Quality, Stack Emission, Noise, Effluent Quality, Work Zone Monitoring			0	2.0	
4	Occupa	tional Hea	alth	Regular Health Checkup			0	1.0	
5	Gr	een Belt	1	3031,20 m2 area is reserved for green belt development.		12		5.50	
6	Hazar D	dous Was isposal	te	-		-		21	
7	A	RWH		Rain Water Harvesting		0.65		0.20	
8	Sol	ar Panel		Energy Sa	aving	1	.20	-	
51.S	51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)								
Descript	ion	Status		Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumptio n / Month in MT	Source of Supply	Means of transportati on
Acetonit	rile			Drum Shed	5	4	1	Apra Enterprises, MASJID BUNDER WEST,MUMBAI	Truck

age of the ser			Signature: Name: Dr. Umakant Gangetrao Dangat
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Cyclohexane	-	Drum Shed	1	0.6	0.5	KETULCHEM PVT LTD BORIVALI -WEST, MUMBAI	Truck	
Dimethyl acetamide	-	Drum Shed	5	5	5	Sparchem, BANDRA (EAST),MUMBAI	Truck	
Dimethyl Formamide	-	Drum Shed	5	3	3	Chemtrade oversess Pvt Ltd, GHATKOPAR EAST,MUMABI	Truck	
Dimethyl Sulfoxide	-	Drum Shed	3	2	2.0	K. Uttamlal & co., P. O. Box No.5174, Mumbai	Truck	
Hexane	-	Drum Shed	3	2	0.6	JPB Chemicals Industries Pvt Ltd, R. No.2, D.J. Road, Vile Parle (W), Mumbai	Truck	
Industrial Solvent	-	Drum Shed	10	10	10	Shri Venkatesh Organics , Newasa road Shrirampur ,Dist : Ahmednagar,	Truck	
Methyl Ethyl Ketone	-	Drum Shed	0.825	0.6	0.4	JPB Chemicals Industries Pvt Ltd, R. No.2, D.J. Road, Vile Parle (W), Mumbai	Truck	
Methyl Tert Butyl Ether	-	Drum Shed	2	1	1.0	Vinati Organics Ltd BKC, Bandra (E),Mumbai	Truck	
Mixed Xylene	-	Drum Shed	2	1	1	Pioneer Chemical Industries , Vile Parle- (East), Mumbai	Truck	
N-Heptene	-	Drum Shed	2	2	1	Vipul Life sciences Ltd , 121/127, KAZI SAYED STREET ,MUMBAI	Truck	
Ortho Xylene	-	Drum Shed	5	5	5	Saraswati Chemical Corp. B/1102, NAHUR VILLAGE, MULUND(W), MUMBAI	Truck	
Tetra Hydro Furan	-	Drum Shed	5	5	3	Ascus International(S) Pte Ltd PENINSULAR PLAZA, SINGAPORE	Truck	
Triethyl Amine	-	Drum Shed	1.5	1.5	1.5	Alkyl Amines Chemicals Ltd Kurkumbh, Taluka Daund,Plot No. D-6/1,Pune	Truck	
N-Butanol	-	Drum Shed	1.1	0.8	0.8	SWATI INDUSTRIES, G-39/19 MIDC WALUJ, AURANGABAD	Truck	
Toluene	-	UG Tank	15	10	10	Dia Chemie,S.V. Road, Goregaon (W), Mumbai	Tanker	
Ethyl Acetate		UG Tank	15	10	10	GODAVARI BIOREFINERIES LTD, 45/47, M. G. ROAD,FORT MUMBAI	Tanker	
Acetone	-	UG Tank	15	10	10	Dia Chemie,S.V. Road, Goregaon (W), Mumbai	Tanker	
Methanol	-	UG Tank	15	10	8	Dia Chemie,S.V. Road, Goregaon (W), Mumbai	Tanker	
Methylene Chloride	-	Vertical Tank	18	15	12	GUJARAT FLUOROCHEMICALS LTD., PLOT:12/A, GIDC, DAHEL BHARUCH		
Isopropyl Alcohol	-	Vertical Tank	18	15	12	Dia Chemie,S.V. Road, Goregaon (W), Mumbai		
		52.Any	Other	Informa	ation			
No Information Avai	ilable							
		53.Tra	affic Ma	anagem	ent			
Signature:								

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Signature:
Name: Dr. Umakant Gangatrao Dangat
The strength and the second

	Nos. of the junction to the main road & design of confluence:	NA
	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	30 m2
	Area per car:	NA
	Area per car:	NA
Parking details:	Number of 2- Wheelers as approved by competent authority:	NA
	Number of 4- Wheelers as approved by competent authority:	2 nos.
	Public Transport:	NA
	Width of all Internal roads (m):	6 meter
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	
	Category as per schedule of EIA Notification sheet	5(f)
	Court cases pending if any	No
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
9.	Date of online submission	-
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	Not Applicable	
Water Budget	Not Applicable	
Waste Water Treatment	Not Applicable	
Drainage pattern of the project	Not Applicable	

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

Brief information of the project by SEAC

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

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

The proposal was considerd in the 152nd meeting of SEAC-1 held on 12th June, 2018 where in the proposal was deferred for following reason,

During deliberations it was observed that PP has not filled correct data in the consolidated statement as well as the layout plan was not adequate.

PP to submit lay out plan showing entry/exit gates, internal road width of six meters, turning radius of nine meters, location of pollution control equipment, parking areas, waste storage areas, 33% green belt, rain water harvesting etc. to decide on the ToR.

Hence, Deferred.





DECISION OF SEAC

During deliberations it was observed that, PP provided only 11% green belt within the plot area. PP submitted that they have obtained the plot from M/s Quest Organics Pvt. Ltd. in MIDC and their industry is in operation from the year2005 . Now PP has planned for expansion in the existing facility. To achieve 33% green belt, PP have obtained plot on lease from MIDC adjacent to the approach road.

In view of above SEAC decided to refer the proposal to the SEIAA whether green belt out side the manufacturing plot but within the same MIDC area can be considered for the compliance of condition of 33% green belt development.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.



157th (A) Meeting of State Level Expert Appraisal Committee (SEAC-1) SEAC Meeting number: 157th (A) Meeting Date November 20, 2018

Subject: Environment Clearance for Environmental Clearance for proposed expansion of M/s. Halides Chemicals Pvt. Ltd. from 636 MT/Year to 3407.26MT/Year

Is a Violation Case: No						
1.Name of Project	M/s. Halides Chemicals Pvt. Ltd.					
2.Type of institution	Private					
3.Name of Project Proponent	Mr. Sanket .D. Nigudkar					
4.Name of Consultant	Building Environment (India) Pvt. Ltd.					
5.Type of project	Industrial Estate-Industry 5 (f) Category					
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, As per the EIA Notification the existing project does not need Environmental Clearance					
8.Location of the project	Plot No. A-2, MIDC Kurkumbh, Taluka -Daund, Pune					
9.Taluka	Daund					
10.Village	Not Applicable					
Correspondence Name:	Mr. Sanket .D. Nigudkar					
Room Number:	Not Applicable					
Floor:	Not Applicable					
Building Name:	Neelashri					
Road/Street Name:	Off Paud Road					
Locality:	Kothrud					
City:	Pune					
11.Area of the project	Kurkumbh MIDC Area					
	No Industry has applied for revised layout					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: No Industry has applied for revised layout					
	Approved Built-up Area: 2852.55					
13.Note on the initiated work (If applicable)	It is an already existing industry and is in operation since 1995. No activity has been initiated for the proposed expansion.					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA					
15.Total Plot Area (sq. m.)	4050.00 Sq. m.					
16.Deductions	Not applicable					
17.Net Plot area	4050.00 Sq. m.					
	a) FSI area (sq. m.): 1402.23					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not Applicable					
	c) Total BUA area (sq. m.): 1402.23					
	Approved FSI area (sq. m.):					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.):					
DOR	Date of Approval:					
19.Total ground coverage (m2)	1402.23					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	34%					
21.Estimated cost of the project	9050000					
22.11						

22.Number of buildings & its configuration



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Serial number	Building Name & n		umber	Nu	mber of floors	Height of the building (Mtrs)			
1	Ν	Not Applicable)	N	lot applicable	Not applicable			
2	Ν	Not Applicable	;	N	lot applicable	Not applicable			
23.Number tenants an	r of d shops	Not applicable as it is an industry							
24.Number expected r users	r of esidents /	This is an ind	dustry and T	'otal expecte	d population shall be 5	0			
25.Tenant per hectar	density e	Not applicable as it is an industry							
26.Height building(s	of the)								
27.Right o (Width of the form	f way the road earest fire the ouilding(s)	9	9						
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation									
29.Existing	g (s) if any	This is an ex are in operat	pansion pro tion . Constr	ject in terms ruction of she	of production. All the l eds, storage tanks will l	puildings are already constructed and be done			
30.Details of the demolition with disposal (If applicable)									
			31.P	roduct	ion Details				
Serial Number	Product		Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	N- Bromosuccinimide		360	0.00	60.00	420.00			
2	N-Chlorosuccinimide		240	0.00	-120	120			
3	N-Iodosuccinimide		36	.00	00	36.00			
4 Bromo OTBN (2- cyano-4-Bromomethyl biphenyl)		OTBN (2- romomethyl nenyl)	0.00		600.0	600.0			
5	2-Bromopr	opionic Acid	0.	00	180.0	180.0			
6	Propiony	l bromide	0.	00	180.0	180.0			
7	N- Hexy	l bromide	0.	00	240.0	240.0			

tert- Butyl 8 0.00 240.0 240.0 bromoacetate Sodium Bromide 9 0.00 977.808 977.808 Solution Hydrogen Bromide 10 0.00 703.560 703.560 Solution in water 11 0.00 21.528 21.528 Spent Iodine 0.00 84.3684 84.3684 12 phosphorous Acid

32.Total Water Requirement



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Source of water		MIDC									
		Fresh water	(CMD):	42.83							
		Recycled wat Flushing (CM	er - ID):	0.00	00						
		Recycled wat Gardening (C	er - CMD):	4.9	4.9						
		Swimming po make up (Cu	ool m):	NA	NA						
Dry season:		Total Water Requirement :	(CMD)	61.54							
		Fire fighting Underground tank(CMD):	- l water	200				9			
		Fire fighting Overhead wa tank(CMD):	- ter	NA							
		Excess treate	ed water	NA							
		Source of wa	ter	MIDC							
		Fresh water	(CMD):	42.83							
		Recycled wat Flushing (CM	er - ID):	0.00							
Recycled water - Gardening (CMD):		er - CMD):	0.00								
		Swimming po make up (Cu	ool m):	NA							
Wet season	:	Total Water Requirement :	(CMD)	61.54							
		Fire fighting Underground tank(CMD):	- l water	200							
		Fire fighting Overhead wa tank(CMD):	ter	NA							
		Excess treate	d water	NA							
Details of S pool (If any	wimming)	Swimming poo	ol not appl	licable							
		33.	. Detail	s of Total	water co	nsume	b				
Particula rs	consumption (CMD)			Loss (CMD)			Eff	Effluent (CMD)			
Water	2										
Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	10.50	0	10.5	2.1	Nil	2.1	8.4	0	8.4		
Cooling tower & thermopa ck	0.2	30.39	30.5	0.00	29.89	29.89	0.0	0.603	0.603		
Industrial Process	7.0	8.55	15.55	1.5	0.55	2.05	5.5	8.0	13.5		
Gardening	0.0	4.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0		

appropriate of			Signature:
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	Level of the Ground water table:	50-100m				
	Size and no of RWH tank(s) and Quantity:	1 tank of 2.5 m*2.5m*3.20 m				
	Location of the RWH tank(s):	Behind parking 2; Near Security cabin				
34.Rain Water	Quantity of recharge pits:	Not Applicable				
Harvesting (RWH)	Size of recharge pits :	Not Applicable				
	Budgetary allocation (Capital cost) :	100000				
	Budgetary allocation (O & M cost) :	12002				
	Details of UGT tanks if any :	Two UG tanks are installed : UG water tank of 30,000 Litres capacity is installed for domestic use UG water tanks of 20,000 Litres capacity is installed for fire fighting purpose				
	•					
	Natural water drainage pattern:	Yes				
35.Storm water drainage	Quantity of storm water:	543.13				
	Size of SWD:	width -340 mm ; depth-260 mm				
	Sewage generation in KLD:	8.4 KLD				
	STP technology:	Currently having Septic tank. Industry has proposed STP with MBBR Technology for proposed expansion				
Sewage and	Capacity of STP (CMD):	1 (Proposed)- 15 CMD				
Waste water	Location & area of the STP:	Behind L.D.O storage/furnace oil tank				
	Budgetary allocation (Capital cost):	85.0 Lakh (Existing +Proposed)				
	Budgetary allocation (O & M cost):	6 Lakh (Existing +Proposed)				
	36.Soli	d waste Management				
Waste generation in	Waste generation:	Construction debris				
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Industry is already in operation. PP has proposed construction of sheds, storage tanks. Waste likely to generate is concrete which will be very less. The waste will be utilised within site for internal roads, higher plinth and filling low laying areas.				
	Dry waste:	Paper bags: 21000 Nos./Y, Fibre Drum with Lids- 19632 Nos./Y, HDPE Drums -5220 Nos./Y				
	Wet waste:	No wet waste is generated				
Waste generation in the operation	Hazardous waste:	Used/ Spent Oil - 800 lit/Y; Spent Catalyst / spent Carbon- 4500 kg/Y; Chemical Sludge from Waste Treatment Plant- 410 Ton/Y, Salt Solution - 78 Ton/Y				
Phase:	Biomedical waste (If applicable):	No Bio-medical waste is generated				
	STP Sludge (Dry sludge):	0.15 Ton/Y				
	Others if any:	Not Applicable				

Dry waste:			2:	Paper bags and fibre drums will be sold to Authorized recycler ; HDPE drums will be used to refill byproduct; STP sludge will be used as manure					
Wet waste		e:	Not Applicable						
Mode of Disposal Hazardous of waste: Biomedica applicable		ıs waste:	Used spent oil will be disposed off to Authorized Re-processor; Spent Catalyst, Chemical sludge from waste water and salt solution will be disposed to CHWTSDF						
		al waste (If e):	vaste (If Not Applicable						
		STP Slud sludge):	ge (Dry	Will be used as manure					
		Others if	any:	Not Applica	able				
		Location	(s):	Near STP p	lant; Behind	Boiler	room		
Area requirem	ent:	Area for of waste material	the storage & other	Separate H yard, Segre waste	Separate Hazardous Waste storage area, Segregated metallic scrap yard, Segregated paper and plastic scrap yard is made for storage o waste				
		Area for	machinery:	Not Applica	able				
Budgetary	allocation	Capital o	ost:	Nil					
(Capital co O&M cost)	st and	0 & M co	st:	Nil					
			37.Ef	fluent C	harecter	estic	s		
Serial Number	rial nber Parameters Unit Inlet Effluent Outlet Effluent Effluent charecterestics standa				Effluent discharge standards (MPCB)				
1	р	H	NA	7.	22	3	6.	49	5.5-9.0
2	TS	SS	mg/Lit	<1	0.0	<10		0.0	<=100.0
3	3 BOD mg/Lit		mg/Lit	4400 <10.0		0.0	<=100.011		
4	4 COD mg/Lit		mg/Lit	3276	32765.96 34.48		.48	<=250.0	
5	5 Sulphates mg/Lit		mg/Lit	2689	91.66		<]	1.0	<1000
6	Chlo	rides	mg/Lit	859	0.91	6.0		.0	<=600
Amount of e (CMD):	effluent gene	eration	14.103 CM	D					
Capacity of	the ETP:		16.0 CMD						
Amount of t recycled :	reated efflue	ent	13.81 CMD						
Amount of v	water send to	o the CETF	Waste wate gardening e	er generated etc.	in industry i	s recyc	cled ar	nd used for v	arious other processes,
Membershi	p of CETP (if	frequire):	Yes; Indust	ry has obtair	ned CETP me	embers	ship		
Note on ET	P technology	to be used	Industry ha	s provided F	RO + MEE of	capac	ity 16.	0 CMD	
Disposal of	the ETP sluc	lge	ETP sludge	generated v	vill be dispos	ed to (CHWT	SDF	
			38.Ha	zardous	Waste D	etai	ls		
Serial Number	Descr	iption	Cat	UOM	Existing	Prop	osed	Total	Method of Disposal
1	Used/Sj	pent Oil	5.1	Lit/Y	100	70	00	800	Autho. Re-processor
2	Spent cata car	alyst/Spent bon	28.2	Kg/Y	100	44	00	4500	CHWTSDF
3	Chemical S wastwater	ludge fron treatment	34.3	Ton./Y	360	5	0	410	CHWTSDF
4	Salt So	olution	34.3	Ton/y	Nil	7	8	78	CHWTSDF
			39.St	tacks em	ission D	etail	S		
Abhay Pimparkar (Secretary SEAC-I) SEAC Meeting No: 157th (A) Meeting Date: Page 94 of 101 Dr. Umakant Dangat (Chairman SFAC-I)					ture:				

1Boiler 750kg/HrFurnace Oil; 1000 Lit/Day1100.2542Boiler+Thermopack 600 kg/HrLDO; 1450 Lit/Day2140.2543Bromination/ChlorinationNot applicable360.10164Imide FormationNot Applicable44.5NA5Drying SectionNot Applicable54.5NA6D. G Set 160 KVADiesel62.50.10167D.G Set 62 5 KVADiesel72.50.1016	137 110 54 NA NA 112 112					
2Boiler+Thermopack 600 kg/HrLDO; 1450 Lit/Day2140.2543Bromination/ChlorinationNot applicable360.10164Imide FormationNot Applicable44.5NA5Drying SectionNot Applicable54.5NA6D. G Set 160 KVADiesel62.50.10167D.G Set 62 5 KVADiesel72.50.1016	110 54 NA NA 112 112					
3Bromination/ChlorinationNot applicable360.10164Imide FormationNot Applicable44.5NA5Drying SectionNot Applicable54.5NA6D. G Set 160 KVADiesel62.50.10167D. G Set 62.5 KVADiesel72.50.1016	54 NA NA 112 112					
4Imide FormationNot Applicable44.5NA5Drying SectionNot Applicable54.5NA6D. G Set 160 KVADiesel62.50.10167D. G Set 62 5 KVADiesel72.50.1016	NA NA 112 112					
5 Drying Section Not Applicable 5 4.5 NA 6 D. G Set 160 KVA Diesel 6 2.5 0.1016 7 D.G Set 62.5 KVA Diesel 7 2.5 0.1016	NA 112 112					
6 D. G Set 160 KVA Diesel 6 2.5 0.1016 7 D. G Set 62.5 KVA Diesel 7 2.5 0.1016	112 112					
7 D.G. Set 62.5 KVA Diesel 7 2.5 0.1016	112					
, D.5 500 02.5 KM D10501 / 2.5 0.1010	0					
40.Details of Fuel to be used						
Serial NumberType of FuelExistingProposedTo	Total					
1 Diesel 37 Lit/Hr Nil 37	7 Lit/Hr					
2 L.D.O 1000 Lit/Day Nil 1000	0 Lit/Day					
3 Furnace Oil 1450 Lit/Day Nil 1450	0 Lit/Day					
41.Source of Fuel Industry /Market	Industry /Market					
42.Mode of Transportation of fuel to site Fuel is brought to site by tankers						
Total RG area : 457.40 Sq. m	: 457.40 Sq. m					
No of trees to be cut : Not Applicable	be cut Not Applicable					
43.Green Belt Number of trees to be planted : Existing - 37; Proposed - 7	es to Existing - 37; Proposed - 7					
Development List of proposed native trees : List of proposed trees is given below						
Timeline for completion of plantation : Industry is already having 37 trees planted in project are proposed plantation of 7 trees after obtaining EC	rea and has					
44.Number and list of trees species to be planted in the groun	nd					
Serial NumberName of the plantCommon NameQuantityCharacteristics importa	Characteristics & ecological importance					
1 Neem Azadiractha Indica 5 Neem has emerged source for insecticity	Neem has emerged to be an ideal source for insecticide and pesticide					
2SisamDalbergia sissoo1Sissam enricher presence of nitribacteria in bacteria in	Sissam enriches soil due to presence of nitrogen fixing bacteria in roots					
3 Leman C. Limon 1 Lemon are rich sou immune stimular medicine	Lemon are rich source of Vitamin C and due to antibacterial and immune stimulant re used in medicinal use					
45.Total quantity of plants on ground						
46.Number and list of shrubs and bushes species to be planted in the p	podium RG:					
Serial NumberNameC/C DistanceArea m2	Area m2					
1 NA NA NA						

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	47.Energy						
	Source of power		MSEDCL				
Power requirement:		During Construction Phase: (Demand Load)	Not applicable as in	ndustry is a	lready under operation		
		DG set as Power back-up during construction phase	Industry is already	udustry is already having D.G.Set of 62.5 KVA			
		During Operation phase (Connected load):	140 KW				
		During Operation phase (Demand load):	150 KW (Existing -120 KW +Proposed 30 KW)				
		Transformer:	200 KVA				
	DG set as Power back-up during operation phase:		160 KVA (Existing	DG Set of 6	2.5 KVA shall be replaced by 160 KVA)		
		Fuel used:	37 Lit/Hr				
De ten thr		Details of high tension line passing through the plot if any:	No				
		48.Energy savi	ng by non-con	vention	al method:		
Halides Chemicals have taken the effort to use natural resources available such as solar heat and light. They have installed solar water heating system which gives heated water for boiler input so that the fuel load of the boiler reduces thereby reducing the pollution. The industry is also using solar street light to lighten up the internal road. Reduction in energy consumption:8-10%							
		49.Detail	calculations &	a % of sa	aving:		
Serial Number	E	Energy Conservation M	easures		Saving %		
1	F	Reduction in energy const	umption		8-10%		
2		Reduce in fuel consum	ption		10-11%		
		50.Details	of pollution co	ontrol Sy	ystems		
Source		Existing pollution cont	rol system		Proposed to be installed		
DG Set 160 KVA	A	coustic enclosure with add	equate height		Not applicable		
Boiler 1 [750 kg/hr]	2	Adequate heigh	ıt	Not applicable			
Boiler +Thermopac 600 kg	k	Adequate heigh	.t Not applicable		Not applicable		
Chlorine Section		Gas Leak System	m		Not applicable		
Bromine Section		Gas Leak System	m		Not applicable		
Budgetary a	allocation	Capital cost:	1320000				
(Capital o O&M o	cost and cost):	O & M cost:	50000				
	AVR:S.	-			Signature:		

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51.Environmental Management plan Budgetary Allocation											
a) Construction phase (with Break-up):											
Serial Number	At	tributes	ites Parameter			Total Cost per annum (Rs. In Lacs)					
1	Not Applicable as 1 industry is already under operation		NA		NA						
			b) (Operation	Phase	e (v	vith Bre	eak-up):			
Serial Number Component		Description		(Capital cost Rs. In Lacs		Op	perational and Maintenance cost (Rs. in Lacs/yr)			
1	Air Pol	llution Cont System	rol	Existing +Pro cost	posed		15			1	
2	Water P	ollution Co Systems	ntrol	Existing +Pro Cost	posed	85.0			6	y	
3	Noise P	ollution Cor	itrol	Existing +Pro	posed		9.0			0.50	
4	Green Be Ma	elt Developn intenances	nent /	Exiting +Pro	posed	2.0			0.25		
5	5 Environmental 5 Monitoring/Environmental Management		nental	Exiting +Proposed			0.00			2.0	
6	Occupat	ional health safety	and	Exiting +Proj	posed	4.0		1.5			
7	Solid Wa	ste Manage	ment	Exiting +Prop	posed	1.0		0.5			
8	Rain Wa	ater Harves	ting	Exiting +Prop	posed	1.0			0.12		
9	Energy S	Saving Meas	sures	Exiting +Proposed		13.20			0.50		
51.5	51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)										
Description		Status		Location	Storag Capacit in MT	re ty	Maximum Quantity of Storage at any point of time in MT	Consumpti / Month in MT	on n	Source of Supply	Means of transportation
Acetic	Acid	Liquid	Pro	posed Storage	2.0		2.0	4.0		Industry/Market	By Road
Chlor	rine	Gas	90	00kg Tonner	0.9		0.9	1.8		Industry/Market	By Road
Chlorine		Gas	90	00kg Tonner	0.9		0.9	1.8		Industry/Market	By Road
Chlor	Chlorine		90	00kg Tonner	0.9		0.9	1.8		Industry/Market	By Road
OTE	BN	Liquid		RM Store	9.0		9.0	40.0		Industry/Market	By Road
AIBN Solid		Solid		RM Store			0.1	1.35		Industry/Market	By Road
Propionic Acid Liquid			RM Store	5.0		5.0	15.74		Industry/Market	By Road	
Red Phosphorous Solis		RM Store	1.0		1.0	2		Industry/Market	By Road		
Phospo Tribro	hrous mide	Liquid		RM Store	1.0		1.0	9.0		Industry/Market	By Road
n-Hex	anol	Liquid		RM Store	1.0		1.0	13.02		Industry/Market	By Road
Acetyl Bromide Liquid			RM Store	1.0		1.0	13.62		Industry/Market	By Road	
Tert Bu	itanol	Liquid		RM Store	5.0		5.0	10		Industry/Market	By Road
N-BromoSu	ccinimide	Solid		FG Store	15.0		15.0	30		Industry/Market	By Road
N-Chlorosuccinimide		Solid		FG Store	5.0		5.0	10		Industry/Market	By Road
N-lodoSuc	cınimide	Solid		FG Store	0.1		0.1	0.2		Industry/Market	By Road

agentimet			Signature: Name: Dr. Umakant Gangetreo Dangat
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Bromo OTBN	Solid	FG Store	5.0	5.0	10	Industry/Market	By Road
2 Bromo Propionic Acid	Liquid	FG Store	5.0	5.0	10	Industry/Market	By Road
Propionyl Bromide	Liquid	FG Store	1.0	1.0	2.0	Industry/Market	By Road
N-Hexyl Bromide	Liquid	FG Store	1.0	1.0	2.0	Industry/Market	By Road
Tert Butyl Bromo Acetate	Liquid	FG Store	1.0	1.0	2.0	Industry/Market	By Road
Spent Iodide	Crystalline	FG Store	0.3	0.3	0.6	Industry/Market	By Road
H3PO3	Solid	RM Store	2.0	2.0	4.0	Industry/Market	By Road
Diesel	Liquid	DG Set Tank	0.4	0.4	08	Industry/Market	By Road
Furnace Oil	Liquid	FO Tank	10.0	10.0	20.0	Industry/Market	By Road
LDO	Liquid	LDO Storage	5.0	5.0	10.0	Industry/Market	By Road
Sodium Bromide Soultion	Liquid	Conc. Effluent Tank	10.0	10.0	20.0	Industry/Market	By Road
Methylene Dichloride	Liquid	Near HBr Storage Tnank	10.0	10.0	59.2	Industry/Market	By Road
Caustic Soda Iye	Solid	Storage Tank	17.0	17.0	34.0	Industry/Market	By Road
Ethylene Dichloride	Liquid	Storage Tank	12.5	12.5	25.0	Industry/Market	By Road
Sulphuric Acid	Liquid	Storage Tank	10.0	10.0	20.0	Industry/Market	By Road
Succinic Acid	Solid	Proposed Shed	20	20	43.05	Industry/Market	By Road
Iodine	Crystalline Solid	Proposed Shed	0.5	0.5	3.6	Industry/Market	By Road
Liquid Bromine	Liquid	Proposed Storage Shed	10.80	10.80	96.172	Industry/Market	By Road
Sodium Bromate	Solid	Proposed Storage Shed	4.0	4.0	14.0	Industry/Market	By Road
Succinimide	Solid	Proposed Storage	5.0	5.0	10.0	Industry/Market	By Road
52.Any Other Information							
No Information Available							
53.Traffic Management							
Nos. of the junction							

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

1



	Number and area of basement:	NA				
	Number and area of podia:	NA				
	Total Parking area:	495.69 Sq. m				
	Area per car:	12.5 Sq. m.				
	Area per car:	12.5 Sq. m.				
Parking details:	Number of 2- Wheelers as approved by competent authority:	20				
	Number of 4- Wheelers as approved by competent authority:	2				
	Public Transport:	Not Applicable				
	Width of all Internal roads (m):	Approx. 6 metre				
	CRZ/ RRZ clearance obtain, if any:	Not Applicable				
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	No protected areas near project site				
	Category as per schedule of EIA Notification sheet	Category B: 5 (f)				
	Court cases pending if any	Not Applicable				
	Other Relevant Informations	Not Applicable				
	Have you previously submitted Application online on MOEF Website.	Yes				
	Date of online submission	24-08-2017				
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS				
Environmental Impacts of the project	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to time. PP proposes Zero Liquid Discharge effluent treatment plant. As per data submitted by the PP in the EIA report environmental parameters are found within the prescribed limits on site.					
Water Budget	PP submitted water budget calculations in the EIA report and also indicated water requirement at Sr. No 33 of the Consolidated Statement.					
Waste Water Treatment	PP proposes Zero Liquid Discharge effluent treatment plant.					
Drainage pattern of the project	PP to provide storm wat	er drain as per contour on the plot.				

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Ground water parameters	As per data submitted by PP, ground water parameters are within the prescribed limits at project site.				
Solid Waste Management	PP proposes to dispose hazardous waste through authorized vendor and at CHWTSDF.				
Air Quality & Noise Level issues	As per data submitted by PP, Air Quality and Noise parameters are within the prescribed limits at project site. PP to ensure design of scrubber to achieve bromine gas concentration at the out let of the scrubber below the TLV limit.				
Energy Management	The electrical demand for proposed project is 150KW, which will be supplied by MSEDCL. PP also proposes to have 160 KVA DG set with HSD as a fuel.				
Traffic circulation system and risk assessment	PP provided 495.69 Sq.m. area for parking along with 6 meter wide roads and nine meter wide turning radius.				
Landscape Plan	PP provided 33% green belt within the plot.				
Disaster management system and risk assessment	PP prepared on site emergency plan.				
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.				
Environmental Management Plan	PP prepared EMP cost of Rs.130.20 Lakh as capital cost and Rs.12.27Lakh as O & M cost to maintain environmental parameters.				
Any other issues related to environmental sustainability	Not Applicable				
Brief information of the project by SEAC					
PP has obtained ToR from SEAC-1 in the 108th meeting held on 13-14th August, 2015.					

PP submitted their EIA/EMP reprot on 23.05.2018, the proposal was considered in the 151st meeting of SEAC-1 held on 24.05.2018. As EIA/EMP was submitted just before the meeting the proposal was deferred as it was not studied by the expert members.

The proposal was considered in the 153rd meeting of SEAC-1 held on 24.05.2018, where in the proposal was deferred for following reasons,

During deliberations it was observed that PP has not complied with the ToR points given by the MoEF&CC.

In view of above SEAC decided to defer the proposal till PP submits compliance of points rasied in the ToR.

Hence ,Deferred

DECISION OF SEAC

approvances			Signature: Name: Dr. Umskan Gånpetreo Dangat
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After detailed deliberations with the PP and their accredited consultant SEAC decided to recommend the proposal to the SEIAA for prior Environment Clearance subject to the following conditions.

Specific Conditions by SEAC:

1) PP to submit design details of the scrubber to achieve out let exposure levels of bromine gas below the TLV level.

2) PP proposes zero liquid discharge. therefore PP to ensure that no effluent is discharged to the CETP.

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

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4) PP to prepare and implement CER plan in consultation with the District Authorities as mentioned in the OM dated 01.05.2018

FINAL RECOMMENDATION

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

Abhay Pimparkar (Secretary
SEAC-I)SEAC Meeting No: 157th (A) Meeting Date:
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of 101Signature:
Name: Dr. Umakant Gangate Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)