Agenda of 205th Meeting of State Level Expert Appraisal Committee-1 (SEAC-1)

SEAC Meeting number: 205th (Day-1) Meeting Date September 7, 2021

In view of sudden increase in present pandemic situation of COVID-19, Maharashtra SEIAA directed SEAC-1 to appraise the proposals by using information technology facilities. Hence, SEAC-1 initiated to appraise the proposals received by the SEIAA through Videoconferencing technology on Cisco Webex platform.

Following members of SEAC-I were present for videoconference meeting.

Dr. Vijay Kulkarni	Chairman
Dr. Chandrashekhar Marathe	Expert Member
Shri. Jeevan Patgaonkar	Expert Member
MS. Kavita Takale	Expert Member
Shri. Abhay Pimparkar	Secretary

Leave of Absence was granted to Shri. Kundan Deshmukh, Expert Member.



Agenda of 205th Meeting of State Level Expert Appraisal Committee-1 (SEAC-1)

SEAC Meeting number: 205th (Day-1) Meeting Date September 7, 2021

Subject: Environment Clearance for Environment Clearance for: Existing Formulation & API Manufacturing Plant at Plot No. A – 42, MIDC Patalganga, Khalapur, District Raigad, Maharashtra by M/s. Cipla Limited

Is a Violation Case: Yes

1.Name of Project	Environmental Clearabce for Existing Formulation & API Manufacturing Plant at Plot No. A - 42, MIDC Patalganga, Khalapur, District Raigad, Maharashtra by M/s. Cipla Limited
2.Type of institution	TOR
3.Name of Project Proponent	Cipla Limited
4.Name of Consultant	Kadam Environmental Consultants, Vadodara, Gujarat
5.Type of project	NA
6.New project/expansion in existing project/modernization/diversification in existing project	Violation Case
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No
8.Location of the project	Plot No. A - 42, MIDC Patalganga
9.Taluka	Khalapur
10.Village	Patalganga
Correspondence Name:	Mr. Sanjay Mhaske
Room Number:	Plot No. A - 42, MIDC Patalganga
Floor:	NA
Building Name:	Cipla Limited
Road/Street Name:	MIDC Patalganga
Locality:	Khalapur
City:	MIDC Patalganga
11.Whether in Corporation / Municipal / other area	MIDC Patalganga
	Plot allotment letter received from MIDC
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 34505
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	Industrial Plot Area: 34505 m2
16.Deductions	NA
17.Net Plot area	NA
	a) FSI area (sq. m.): NA
Non-FSI)	b) Non FSI area (sq. m.): NA
	c) Total BUA area (sq. m.): 34505
	Approved FSI area (sq. m.): NA
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): NA
	Date of Approval: 28-03-2001
19.Total ground coverage (m2)	NA
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA
21.Estimated cost of the project	2807300000

22.Number of buildings & its configuration

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	-				
Serial number	Buildin	ıg Name & number	Number of	f floors Ho	eight of the building (Mtrs)
1		NA	NA		NA
2		NA	NA		NA
23.Numbe tenants an	r of Id shops	NA			
24.Numbe expected r users	r of residents /	NA			
25.Tenant per hectar	density re	NA			
26.Height building(s	of the)				
27.Right o (Width of from the n station to proposed l	f way the road learest fire the building(s)	NA			AGL
28.Turning for easy ac fire tender movement around the excluding for the pla	g radius ccess of c from all e building the width intation	NA		0000	
29.Existing	g (s) if any	NA	0	\mathbf{P}	
30.Details demolitior disposal (l applicable	of the n with (f)	NA	OPT		
		31.	Production 1	Details	
Serial Number		Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
 "API Products (200 TPA) Alfozosin Hydrochoride, Placitaxel, Ropinirole HCL/Irinotecan Hydrocloride Trihydrate, Desloratidine/Rapaglinide/Lecarnadipine, Azelastin / Proparacaine HCL, Miscllaneous Formulation, Telmisartan / Irbesartan, Guggelsterone / Gatifloxacin, Stavudine / Zidovudine, Glatiramer Acetate / Exemestane, Brimonidine, Moxifloxacin, Dorzalomide Hydrochloride, Efavirenz, Imiquimod, Valsartan / Abcavir, Dutasteride, Finasteride, Cetrizene Dihydrochloride, Tolteredine, Roxithromycin, Ranitidine Hydrochloride, Mirtazapine, Doxazosine Mesylate, Levo Salbutamol Sulphate, Perindropil Ebumine / Deferisivox, Ciprofloxacin HCL monohydrate, Brimonidine Tartarate, Levocetrizine/Ranolazine / Ranolizine Dihydrochloride+B10, Salmetrol Xinafoate, Ondansetron Hydrochloride, 			16.66	0	16.66

Hydrochloride, Danazol, Terbutaline Sulphate, Valgancyclovir / Varricona		
Benzoate, Simvastatin, Tamsulusin		
Dutasteride / Miratazapine / Rizatriptan		
Torsemide, Pregablin / Repiglinde,		

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	32.Total Water Requirement								
		Source of wa	ter	NA					
	Fresh water (CMD):								
Recycled water - Flushing (CMD):			NA						
		Recycled wat Gardening (C	cer - CMD):	NA					
		Swimming po make up (Cu	ool m):	NA					
Dry seasor	1:	Total Water Requirement :	t (CMD)	NA					
		Fire fighting Underground tank(CMD):	- l water	NA				64	
		Fire fighting Overhead wa tank(CMD):	- ter	NA			O		
		Excess treate	ed water	NA					
		Source of wa	ter	NA			<u> </u>		
		Fresh water	(CMD):	NA					
	Recycled water - Flushing (CMD):NA								
		Recycled wat Gardening (C	cer - CMD):	NA					
		Swimming po make up (Cu	ool m):	NA					
Wet seaso	n:	Total Water Requirement :	t (CMD)	NA					
		Fire fighting Underground tank(CMD):	- l water	NA					
		Fire fighting Overhead wa tank(CMD):	ter	NA					
		Excess treate	ed water	NA					
Details of pool (If an	Swimming y)	NA							
	CV	33	.Detail	s of Tota	l water co	nsume	d		
Particula rs	Cons	sumption (CM	D)	I	Loss (CMD)		Eff	fluent (CMD)	
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	30	0	30	10	0	10	20	0	20
Industrial Process	150	0	150	25	0	25	125	0	125
Cooling tower & thermopa ck	240	0	240	225	0	225	15	0	15
	-							1	

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Gardening	30		0	30	30	0	30	0	0	0	
		Level water	of the (r table:	Ground	No RWH						
		Size a tank(Quan	and no o (s) and atity:	of RWH	NA						
		Locat tank(tion of t (s):	he RWH	NA						
34.Rain V Harvestii	Water 19	Quan pits:	tity of r	echarge	NA						
(RWH)	-9	Size	of recha	rge pits	NA						
		Budg (Capi	etary al ital cost	location) :	NA				61		
		Budg (O &	etary al M cost)	location :	NA				5		
		Detai if any	ils of UC	T tanks	NA						
					•						
		Natu drain	ral wate age pat	r tern:	South to No	rth and north (to east, W	est to east			
drainage	35.Storm water drainage Quantity of storm water:				NA						
		Size	of SWD:		W: 2 ft; h: 3 ft						
		Sewa in KI	ge gene .D:	ration	20						
		STP t	technolo	ogy:	Sewage is b	eing sent to so	ak pit				
Sewage	and	Capa (CMI	city of S)):	TP	NA						
Waste w	ater	Locat the S	tion & a TP:	rea of	NA						
		Budg (Capi	etary al ital cost	location):	n NA						
		Budg (O &	etary al M cost)	location :	NA NA						
			36	5.Soli	d waste	Manag	emen	t			
Waste gen	eration in	Wast	e genera	ation:	NA						
and Constr phase:	ruction	Dispo const debri	osal of t truction is:	he waste	NA						
		Dry v	vaste:		NA						
		Wet	waste:		NA						
Mosto mo		Haza	rdous w	aste:	Details are provided in S. No. 45						
in the op	eration	Biom appli	edical v cable):	aste (If	NA						
- 14001		STP 9 sludg	Sludge (je):	Dry	NA						
		Othe	rs if any	•	NA						
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Dry waste:				NA				
Mode of Disposal of waste: Biomedica applicable		Wet waste:		NA				
		Hazardous	waste:	Disposal of Hazardous Waste as per MPCB / CPCB norms. (details are provided Point No. 45 below)				
		Biomedica applicable	l waste (If):	NA				
		STP Sludg sludge):	e (Dry	(Dry _{NA}				
		Others if a	ny:	NA				
		Location(s	;):	Near ETP				
Area requirem	ent:	Area for th of waste & material:	ne storage a other	24 m2	24 m2			
		Area for m	achinery:	4579.08 m2				
Budgetary	allocation	Capital cos	st:	NA				
(Capital co O&M cost)	st and	O & M cos	t:	NA				Y
			37.Ef	fluent Cl	narecter	estics		
Serial Number	Paran	neters	Unit	Inlet E Charect	ffluent erestics	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)
1	р	Η	-	8.3	35	7.8	84	5.5 - 9.0
2	0il & (Grease	mg/l	1	4	< (0.1	10
3	BC	DD	mg/l	63	38	13		100
4	4 TDS mg/l		mg/l	1910 3		8	2100	
5	Suspend	led Solid	Solid mg/l		198		9	100
6	CC	DD	mg/l	19	1996 40 250			250
Amount of e (CMD):	effluent gene	eration	160	$\langle \rangle$	*			
Capacity of	the ETP:		160					
Amount of t recycled :	reated efflue	ent	50					
Amount of v	water send to	o the CETP:	110					
Membershi	p of CETP (if	f require):	We are mer	nber of PRIA	CETP (I) LT	D		
Note on ET	P technology	v to be used	Effluent tre RO , MEE	atment comp	orising of Pri	imary, Secon	dary & Terti	ary treatment system,
Disposal of	the ETP sluc	lge	ETP Sludge	is being sen	t to MWML,	Taloja for di	sposal by la	ndfilling
			38.H a	zardous	Waste D	etails		
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used /S	pent oil	5.1	MT/Month	4	0	4	Sale to authorized party user/ Preprocessor or shall be sent to CHWTSDF
2	Residues a	and wastes	28.1	MT/Month	6	0	6	CHWTSDF
3	Spent cata car	llyst/ spent bon	28.2/28.3	MT/Month	6	0	6	CHWTSDF
4	Date-e discarded specificat	xpired, d and off- tion drugs	28.4/28.5	MT/Month	1	0	1	CHWTSDF

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5	Spent mo	ther liquor	28.4	4	MT/Month	5	9	0	59	Reuse/ Recovered in your Plant/ CHWTSDF	
6	Spent orga	nic solvents	28.6	6	MT/Month 70		0	70	Reuse/ Recovered in your Plant/ CHWTSDF		
7	Chemical and grease resi	sludge, oil e skimming dues	35.4	4	MT/Month	2	4	0	24	CHWTSDF	
	39.Stacks emission Details										
Serial Number	ial Iber Section & units		Fue	Fuel Used with Quantity		Stacl	k No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Boiler 1	(3.5 T/hr)	FO	-130	Lit/day	1	L	32	1.1	150?C	
2	Boiler 2 (Stai	3.5 T/hr) - ndby	FO	-130	Lit/day	1	L	32	1.1	150?C	
3	DG Set (1	000 KVA)	HS	D -25	50 Lit/hr	1	L	6.32	0.3	150?C	
4	DG Set (1	500 KVA)	HS	D -35	60 Lit/hr	1	L	7.75	0.3	150?C	
5	DG Set (1	500 KVA)	HS	D -35	50 Lit/hr	1		7.75	0.3	150?C	
			40	.De	tails of F	uel	to be	e used			
Serial Number	Тур	oe of Fuel			Existing			Proposed		Total	
1	FO	for Boilers			260 Lit/Day	Day 0			260 Lit/Day		
2	HSD	for DG Sets			950 Lit/hr 0 950 Lit/hr					950 Lit/hr	
41.Source of	of Fuel		I	Local	Market						
42.Mode of	Transportat	tion of fuel to	site 7	Fanke	er						
		1									
		Total RG a	rea :		Existing: 79	947.27	m2				
		No of trees	s to be (cut	NA						
43.Gree	n Belt	Number of be planted	trees t	to	NA						
Develop	ment	List of prop native tree	posed s :	7	NA						
		Timeline fo completion plantation	or 1 of :		NA						
	44.Nu	mber and	llist	of t	rees spe	cies	to b	e planteo	d in the g	ground	
Serial Number	Name of	the plant	Con	nmo	n Name		Qua	ntity	Characte	eristics & ecological importance	
1	N	IA		Ν	А		Ν	A		NA	
45	5.Total qua	ntity of plan	ts on g	jrour	nd						
46.Nun	nber and	list of sh	irubs	an	d bushes	s spe	cies	to be pla	anted in	the podium RG:	
Serial Number		Name			C/C Dista	nce			Area	a m2	
1		NA			NA				N	IA	
					47.Eı	nerg	Jy				



	Source of power supply :					Maharashtra State Electricity Distribution Company Limited (MSEDCL)			
		During Co Phase: (De Load)	nstruction emand	NA					
Power requirement:		DG set as back-up du construction	Power ıring on phase	NA					
		During Op phase (Cor load):	eration nnected	3700 KVA					
		During Op phase (Der load):	eration mand	2934 KVA					
		Transform	er:	2 Nos each	of 250	0 KVA			
		DG set as back-up du	Power ıring phase:	DG Sets of	3 nos.:	1010 kVA, 1	500 kV.	7A &1500 kVA	
		Fuel used:		HSD					
		Details of I tension lin through th any:	high le passing le plot if	sing t if NA					
		48.Ene	ergy savi	ng by no	n-co	nvention	al m	ethod:	
Solar Energ	y - 5.24 Lak	hs units Gen	erated Till d	ate through :	solar				
		4	9.Detail	calculati	ons	& % of sa	aving	l:	
Serial Number	E	nergy Cons	ervation M	easures				Saving %	
1		SOLA	R ENERGY		¥	Total 4.64	LKWH	is saved in FY 17-18 for PTG-SITE	
		50	.Details	of pollut	ion c	control S	yster	ms	
Source	Ex	isting pollu	tion contro	l system			Prop	posed to be installed	
Air	Adequate s are prov	tck heights t ided and scrup	o stack to bo ubbers to pr rovided	oilers and DC ocess vents a	G sets are	NA			
Water		Effluent 7	Freatment Pl	NA NA				NA	
Noise		PPE, Aca	ustic Enclos	ure				NA	
Solid Waste	Haz. V	Waste is bein	g disposed t	o CHWTSDF				NA	
Budgetary	allocation	Capital cos	st:	NA					
(Capital O&M	cost and cost):	O & M cos	t:	NA					
51	.Envire	onment	tal Mar	nageme	ent]	plan Bı	ıdge	etary Allocation	
		a)	Construe	ction pha	ise (with Brea	ak-uj	p):	
Serial Number	Attri	butes	Para	ameter Total Cost per annum (Rs. In Lacs)					
1	N	IA	N	A				NA	
		b) Operat	ion Phas	e (w	ith Breal	k-up)):	
Serial Number	Comp	oonent	Descr	iption	Сар	ital cost Rs Lacs	. In	Operational and Maintenance cost (Rs. in Lacs/yr)	
		-							

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1 Air Pollution Control Scrubbers & Dust Collector 51.72 1.75 2 Water Pollution Control ETP, RO ,MEE 445 136 3 Noise Pollution Control Acoustic Enclosure to Blower and DG 20 2 4 Environment Monitoring and Management Monitoring through MoEF approved Lab NIL 4.5 5 Green Belt Maintenance of Green belt. 15 17 6 Solid Waste Management Handling and disposal at CHWTSDF 9.5 38 Status Location Storage Capacity in MT Consumption Marity of Storage Capacity in MT Onsumption Marity of Storage Capacity of Storage Capacity of Storage Capacity in MT Onsumption Marity of Storage Capacity Marite in MT NA NA <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>											
2 Water Pollution Control ETP, RO , MEE 445 136 3 Noise Pollution Control Acoustic Enclosure to Blower and DG 20 2 4 Environment Monitoring and Management Monitoring through MoEF approved Lab NIL 4.5 5 Green Belt Maintenance of Green belt. 15 17 6 Solid Waste Management Handling and disposal at CHWTSDF 9.5 38 51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances) Consumption (Month in point of time in MT Source of Marine in MT Means of Supply Description Status Location Storage Capacity in MT Maximum Quantity of time in MT Source of MMT Means of Supply API STORES UNIT-II NA NA NA NA NA NA UNDER GROUND/OVER HEAD TARKISOLVENTS). NA NA 210 NA NA NA OP STORES NA NA 17 NA NA NA OP STORES NA NA 17 NA NA NA NO Information Available 52.Any Other Information NA NA NA	1	Air Pollu	tion Control	Scrubbe: Colle	rs & Dust ector		51.72		1.75		
3 Noise Pollution Control Acoustic Enclosure to Blower and DG 20 2 4 Environment Monitoring and Management Monitoring through MoEF approved Lab NIL 4.5 5 Green Belt Maintenance of Green belt. 15 17 6 Solid Waste Management Handling and disposal at CHWTSDF 9.5 38 Status Location Storage Capacity in MT Consumption MT Source of Supply Means of Means of Maragement Description Status Location Storage Capacity in MT Consumption MT Source of MT Means of Supply Means of Maragement API STORES UNIT-II NA NA NA NA NA OPSTORES UNIT-II NA NA NA NA NA NA OPSTORES NA NA VI NA NA NA OPSTORES NA NA VI NA NA NA Status Status VI NA NA NA NA OPSTORES NA NA VI NA NA NA NA Storage NA NA VI NA	2	Water Co	Pollution ontrol	ETP, R	O ,MEE		445		136		
4 Environment Monitoring and Management Monitoring through MoEF approved Lab NIL 4.5 5 Green Belt Maintenance of Green belt. 15 17 6 Solid Waste Management Handling and disposal at CHWTSDF 9.5 38 Status Handling and disposal at CHWTSDF Description Status Maintenance of Green belt. 5 Status Location Storage Capacity in MT Consumption Storage Capacity in MT Source of NT Means of Supply API STORES UNIT-II NA NA 36 NA NA NA UNDER GOUND/OVER HEAD TANK(SOLVENTS). NA NA 36 NA NA NA CORROSVE MATERIAL SHED NA NA 17 NA NA NA NON-CLASSIFIED STORES NA NA 17 NA NA NA NON-CLASSIFIED STORES NA NA 7 NA NA NA NON-CLASSIFIED STORES NA NA 7 NA NA NA NON-CLASSIFIED STORES NA NA 7 NA NA NA	3	Noise Co	Pollution ontrol	Acoustic E Blower	nclosure and DG	to	20		2		
5 Green Belt Maintenance of Green Belt 15 17 6 Solid Waste Management Handling and disposal at CHWTSDF 9.5 38 51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances) Description Status Maintenance of Green at CHWTSDF Description Status Location Storage Capacity in MT Maximum Quantity of Storage at any point of time in MT Source of Supply Means of transport at any point of time in MT API STORES UNIT-II NA NA NA 36 NA NA NA NA GROUND/OVER HEAD TANK(SOLVENTS). NA NA 210 NA NA NA NA OD STORES NA NA Y NA NA NA NA NON-CLASSIFIED STORES NA NA Y NA NA NA	4	4 Environment Monitoring and Management Monitoring throw MoEF approved L			ng through proved La	h b	NIL		4.5		
6 Solid Waste Management Handling and disposal at CHWTSDF 9.5 38 51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances) Description Status Location Storage Capacity in MT Maximum Quantity of storage capacity in MT Consumption MT Source of Supply Means of transporta API STORES UNIT-II NA NA 36 NA NA NA NA UNDER GROUND/OVER HEAD TANK(SOLVENTS) NA NA 210 NA NA NA NA DP STORES NA NA 4 NA NA NA NA DP STORES NA NA 4 NA NA NA DP STORES NA NA 7 NA NA NA NON-CLASSIFIED STORES NA NA 7 NA NA NA NON-CLASSIFIED STORES NA NA 7 NA NA NA NON-CLASSIFIED STORES NA NA 7 NA NA NA	5	Gre	en Belt	Maintenan be	ce of Gree elt.	en	15		17		
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances) Description Status Location Storage Capacity in MT Maximum Quantity of Storage arpoint of time in MT Consumption (Month in MT) Source of Supply Means of transporta API STORES UNIT-II NA NA NA 36 NA NA NA NA QUNDER GROUND/OVER HEAD TANK(SOLVENTS). NA NA 210 NA NA NA NA CORROSIVE MATERIAL SHED NA NA 4 NA NA NA NA NON-CLASSIFIED NA NA 17 NA NA NA NA No Information Available Storage of the junction to the main road & design of des	6	Solio Mana	l Waste agement	Handling a at CHV	nd dispos WTSDF	sal	9.5		38		
Substances) Bescription Status Location Maximum Quantity of Storage Capacity in MT Consumption (Month in MT Source of Supply Means of transporta API STORES UNIT-II NA NA NA 36 NA NA <t< th=""><th>51 St</th><th>orado</th><th>of ch</th><th>micals</th><th>(infla</th><th>amahl</th><th>o/ovnl</th><th>nsive/haz</th><th>zardou</th><th>s/tovic</th></t<>	51 St	orado	of ch	micals	(infla	amahl	o/ovnl	nsive/haz	zardou	s/tovic	
SUBStances/ Description Status Location Storage Capacity in MT Maximum Quantity Storage at any point of time in MT Consumption MT Source of Supply Means of transported API STORES UNIT-II NA NA NA 36 NA NA NA NA UNDER GROUND/OVER HEAD TANK(SOLVENTS). NA NA 210 NA NA NA NA CORROSIVE MATERIAL SHED NA NA 4 NA NA NA NA DP STORES NA NA Y7 NA NA NA NA NON-CLASSIFIED STORES NA NA Y7 NA NA NA NA Status No information Available	J1. 31	Juay			(1111) ob-		e/expr	J31VC/1102	Laruou	SIUAIC	
DescriptionStatusLocationStorage Consumption in MTConsumption Storage at any of time in MTSource of SupplyMeans of ransportAPI STORES UNIT-IINANA36NANANANAUNDER GROUND/OVER HEAD TANK(SOLVENTS).NANA36NANANANACORROSIVE MATERIAL SHEDNANA210NANANANADP STORESNANA4NANANANANON-CLASSIFIED STORESNANA17NANANAStatusStatusOR Information AvailableStatusNos. of the junction to the main road & design ofNaNaNaNaNaNaNaNaNaNaNaNANANANANANANaNANANANANANANANANANANANA <td colsp<="" td=""><td></td><td></td><td></td><td></td><td>SUDS</td><td>stance</td><td>es)</td><td></td><td></td><td></td></td>	<td></td> <td></td> <td></td> <td></td> <td>SUDS</td> <td>stance</td> <td>es)</td> <td></td> <td></td> <td></td>					SUDS	stance	es)			
API STORES UNIT-II NA NA NA 36 NA NA NA NA GROUND/OVER HEAD TANK(SOLVENTS). NA NA NA 210 NA NA NA NA CORROSIVE MATERIAL SHED NA NA A A NA NA NA NA DP STORES NA NA A A A NA NA NA NON-CLASSIFIED STORES NA NA YA YA NA NA NA No Information Available SO SO<	Descript	tion	Status	Locatio	n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation	
UNDER GROUND/OVER HEAD TANK(SOLVENTS).NANANANANANACORROSIVE MATERIAL SHEDNANANA4NANANANADP STORESNANAVA4NANANANANON-CLASSIFIED STORESNANA17NANANANON-CLASSIFIED STORESNANA7NANANANON-CLASSIFIED STORESNANA7NANANANos. of the junction to the main road & desim ofNANANANA	API STORES	UNIT-II	NA	NA		36	NA	NA	NA	NA	
CORROSIVE MATERIAL SHEDNANANANANADP STORESNANANANANANANON-CLASSIFIED STORESNANA7NANANANON-CLASSIFIED STORESNANA7NANANANON-CLASSIFIED STORESNANA7NANANANON-CLASSIFIED STORESNANA7NANANAStores <td c<="" td=""><td>UNDE GROUND/OVI TANK(SOLV</td><td>R ER HEAD 'ENTS).</td><td>NA</td><td>NA</td><td></td><td>210</td><td>NA</td><td>NA</td><td>NA</td><td>NA</td></td>	<td>UNDE GROUND/OVI TANK(SOLV</td> <td>R ER HEAD 'ENTS).</td> <td>NA</td> <td>NA</td> <td></td> <td>210</td> <td>NA</td> <td>NA</td> <td>NA</td> <td>NA</td>	UNDE GROUND/OVI TANK(SOLV	R ER HEAD 'ENTS).	NA	NA		210	NA	NA	NA	NA
DP STORES NA NA NA NA NA NA NON-CLASSIFIED STORES NA NA NA NA NA NA NA STORES NA NA NA 7 NA NA NA NA No Information Available S3.Traffic Management	CORROS MATERIAL	SIVE SHED	NA	NA		4	NA	NA	NA	NA	
NON-CLASSIFIED STORES NA	DP STOP	RES	NA	NA		17	NA	NA	NA	NA	
52.Any Other Information No Information Available 53.Traffic Management S3.Traffic Management Nos. of the junction to the main road & design of NA	NON-CLASS STORE	SIFIED ES	NA	NA		7	NA	NA	NA	NA	
No Information Available 53.Traffic Management				52.A	ny Oth	ner Info	rmation	l			
53.Traffic Management	No Informati	on Availal	ble								
Nos. of the junction to the main road & design of		53.Traffic Management									
confluence:		Nos. of the junction to the main road & design of confluence:									



	Numb basen	per and area of nent:	NA			
	Numh podia	per and area of :	NA			
	Total Parking area:		NA			
	Area]	per car:	NA			
	Area]	per car:	NA			
Parking details:	Numb Whee appro comp autho	ber of 2- lers as wed by etent ority:	NA			
	Numb Whee appro comp autho	ber of 4- lers as wed by etent ority:	NA			
	Publi	c Transport:	NA			
	Width roads	n of all Internal (m):	NA			
	CRZ/ obtain	RRZ clearance n, if any:	NA			
	Distan Prote Critic areas areas bound	nce from cted Areas / ally Polluted / Eco-sensitive / inter-State daries	NA			
	Categ sched Notifi	ory as per lule of EIA ication sheet	5(f) B			
	Court if any	cases pending	NO			
	Other Inform	r Relevant mations	NA			
	Have subm Applic on M	you previously itted cation online OEF Website.	Yes			
	Date subm	of online ission	09-09-2017			
SEAC	DIS	CUSSION	ON ENVIRONMENTAL ASPECTS			
Environmental Impacts of the project	Not Aj	pplicable				
Water Budget	Not A	pplicable				
Waste Water Treatment	Not Aj	pplicable				
Drainage pattern of the project	Not Applicable					
Ground water parameters	Not Aj	pplicable				
Solid Waste Management	Not Aj	pplicable				
Abhay Pimparkar (Secretary SEAC-I)		SEAC Meeting No Sep	p: 205th (Day-1) Meeting Date: ptember 7, 2021 Page 10 of 160 SEAC-I)			

Energy Management	Not Applicable
	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
	A.OOL

Abhay Pimparkar (Secretary SEAC-I)

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PP submitted application under violation category as per Notification issued by MoEF&CC dated 08.03.2018. The proposal was considered in the 154th meeting of SEAC-1 held on 30.08.2018 wherein ToR was granted to the PP for the preparation of EIA/EMP report for 5(f) category as per standard TOR and additional TOR points mentioned below subject to the applicability of general conditions with respect to the distance of the proposed site from Karnala Hill Bird Sanctury.

PP to refer to the Office Memorandum issued by MoEF&CC dated 19.08.2018 with respect to the standard conditions to be stipulated in the Environment Clearance letter for the Pharmaceutical industry to identify the impact of operations on the environment attributes and implement appropriate mitigation measures to reduce the impact.

PP to identify all such activities on site which have impacted on the various verticals of the environment like Water, Air, Soil and Noise etc and compare it with the standard parameters to assess the damage as referred in the Notification dated 08.03.2018.

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

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

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

4) PP to submit project site details (location, top sheet of the study area of 10 km., coordinates, Google map, layout map, land use, geological features and geo hydrological status of the study area, drainage pattern etc.)

5) PP to submit details of Forest and Wild Life Eco sensitive zones if nay in the study area and within the range of 5 km.

6) Land use of the study area delineating forest area, agricultural land, grazing land, wild life sanctuary, national parks, migratory routes of fauna, water bodies, human settlement and other ecological features to be indicated in the report.

7) PP to submit details of likely impact of the proposed project and work carried out without obtaining prior Environment Clearance on the environmental parameters (ambient air, surface and ground water, land, flora and fauna, ambient noise, climate change and socio economic etc.)

8) PP to assess ecological damage with respect to the air, water, land and other environmental attributes. The collection and analysis of data shall be done by an Environmental Laboratory accredited by NABL or a laboratory of a council of Scientific and Industrial Research (CSIR) Institution working in the field of Environment.

9) PP to prepare an EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.

10) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.

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

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

13) PP to provide new and renewable energy sources for the illumination of the office building and street lights.

PP submitted EIA/EMP report and the proposal was considered in the 180^{th} & 184^{th} meeting of SEAC-1 held on 03.03.2020 & 05.06.2020 wherein PP requested to postpone the case.

PP submitted copy of letter obtained from the Dy. Conservator of Forest dated 31.10.2019 mentioning the distance of proposed project site from the Karnala Bird Sanctuary is 5.17 KM.

The EIA/EMP report was appraised in the 189th meeting of SEAC-1.

PP remained absent in 205th meeting



DECISION OF SEAC

PP remained absent. Hence deferred

Specific Conditions by SEAC:

1) PP presented the green belt of only 29.51 % within the premises against mandatory 33% green belt. PP to submit revised layout plan showing 33% green belt with minimum 5 meter width (green belt area width and length to be shown in the area calculation table) and internal roads with six meter width and nine meter turning radius. PP also to ensure that all internal roads area interconnected or provided with cul-de-sac at dead ends. PP to ensure authentication of the layout with signature of PP, Consultant and Architect.

2) PP to submit contour plan showing contour levels, storm water drains, invert levels, internal roads and rain water harvesting facilities. PP to submit storm water drain calculations and rain water harvesting calculation on the plan. PP also to mark the location of connection of storm water drain to the common MIDC drain along with its cross section and invert level. PP to consider 125 mm rain intensity in Mumbai / Konkan area and 100 mm in rest of the Maharashtra area for the purpose of calculations.

3) PP to upload form -II on the web site.

4) PP to submit details of proposed mitigation measures to be adopted to reduce identified impacts in the life cycle analysis along with budgetary allocation in the EMP and time schedule for its implementation.

5) PP to submit detailed ecological damage calculations as per approach paper issued by SEIAA. Maharashtra along with proposed Environmental management Plan and Natural and Community Augmentation Plan with its cost to be deposited as bank guarantee with the Maharashtra Pollution Control Board.

6) PP to submit their CER plan for development of social and environmental infrastructure in the Z.P. Schools / Primary Health Centre within the study area of the proposed project prepared in consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.20218.

7) PP to ensure that, the uniform information is submitted in the Consolidated Statement. Form-I/II, EIA/EMP report and Presentation at the time of appraisal.

FINAL RECOMMENDATION

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



Agenda of 205th Meeting of State Level Expert Appraisal Committee-1 (SEAC-1)

SEAC Meeting number: 205th (Day-1) Meeting Date September 7, 2021

Subject: Environment Clearance for Environment Clearance for: Existing Existing API Manufacturing Plant and R&D at Plot No. A - 2, MIDC Patalganga, Khalapur, District Raigad, Maharashtra by M/s. Cipla Limited

Is a Violation Case: Yes Environmental Clearabce for Existing Existing API Manufacturing Plant and R&D at Plot No. A -**1.Name of Project** 2, MIDC Patalganga, Khalapur, District Raigad, Maharashtra by M/s. Cipla Limited 2.Type of institution TOR **3.Name of Project Proponent** Cipla Limited 4.Name of Consultant Kadam Environmental Consultants, Vadodara, Gujarat **5.Type of project** NA 6.New project/expansion in existing project/modernization/diversification Violation Case in existing project 7.If expansion/diversification, whether environmental clearance NO has been obtained for existing project 8.Location of the project Plot No. A - 2, MIDC Patalganga 9.Taluka Khalapur 10.Village Patalganga Mr. Sanjay Mhaske **Correspondence Name:** Plot No. A - 2, MIDC Patalganga **Room Number:** Floor: NΔ **Building Name:** Cipla Limited MIDC Patalganga **Road/Street Name:** Locality: Khalapur City: MIDC Patalganga 11.Whether in Corporation / MIDC Patalganga Municipal / other area Plot allotment letter received from MIDC 12.IOD/IOA/Concession/Plan IOD/IOA/Concession/Plan Approval Number: NA **Approval Number** Approved Built-up Area: 48502 13.Note on the initiated work (If NA applicable) 14.LOI / NOC / IOD from MHADA/ NΑ Other approvals (If applicable) 15.Total Plot Area (sq. m.) Industrial Plot Area: 48502 m2 **16.Deductions** NA 17.Net Plot area NA a) FSI area (sq. m.): NA 18 (a).Proposed Built-up Area (FSI & b) Non FSI area (sq. m.): NA Non-FSI) c) Total BUA area (sq. m.): 48502 Approved FSI area (sq. m.): NA 18 (b).Approved Built up area as per Approved Non FSI area (sq. m.): NA DCR Date of Approval: 22-03-1993 19.Total ground coverage (m2) NA 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open NA to sky)

22.Number of buildings & its configuration

2212700000

21.Estimated cost of the project

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Serial number	Buildin	g Name & 1	number	Nu	mber 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 /	NA					
25.Tenant per hectar	density e	NA					
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)	NA				162	
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation					1 00 ¹		
29.Existing structure (J (s) if any	NA					
30.Details demolition disposal (I applicable)	of the with f	NA					
			31.P	roduct	tion Details		
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)	
	S						



1	Inflammatory Drugs- (17 TPA) Loraketone/ Loratidine and its derivatives Desloratadine and its derivatives of Fexofenadine Hydrochloride and its derivatives OR Promethazine Hydrochloride and its derivatives OR Celecoxib and its derivatives OR Etoricoxib and its derivatives OR Meloxicam and its derivatives OR Rofecoxib and its derivatives OR Piroxicam or Leflunomide and its derivatives OR Tramadole Hydrochloride and its derivatives OR Valdecoxib and its derivatives OR Divalprex Sodium and its derivatives OR Divalprex Sodium and its derivatives OR Mometosone Furate and its derivatives OR Lumefantrine & its derivatives OR	1.41	
	Sil		



2	"Antidepressant Drugs- (27 TPA) Fluxetine Hydrochloride and its derivatives OR Racemic Alcohol Paroxitine Hydrochloride and derivatives and Venlafaxine Hydrochloride and its derivatives OR Bupropion Hydrochloride and its derivatives OR Citalopram Hydrobromide and its derivatives OR Duloxetine Hydrochloride and its derivatives OR Reboxetine Methane Sulfonate and its derivatives OR Sertraline Hydrochloride and its derivatives OR	2.25	0	
3	"Hormones- (3.5 TPA) Mesterelone and its derivatives OR HPC V OR Testosterone Enanthate and its derivativ+C6es OR Norethisterone and its derivatives OR Levonorgestryl and its derivatives OR Mifepristone and its derivatives."	0.29	0	0.29
	Sil			



4	"Antibacterial Antifungal/ Antix Drugs-(52 TPA Sulfamoxole and derivatives OI Trimethoprim an derivatives OI Ciprofloxacin and derivatives OI Difloxacin and derivatives OI Enrofloxacin and derivatives OI Gatifloxacin and derivatives OI Linezoid and i derivatives OI Linezoid and i derivatives OI Norfloxacin and derivatives OI Norfloxacin and derivatives OI Sparfloxacin and derivatives OI Sparfloxacin and derivatives OI Fluconazole and derivatives OI Fluconazole and derivatives OI Enrofloxie and derivatives OI Didonosine and derivatives OI Aciclovir and i derivatives OI Lamivudine and derivatives OI Efaverinz and i derivatives OI Lamivudine and derivatives OI Lamivudine and derivatives OI Lamivudine and derivatives OI Lamivudine and derivatives OI Sarfloxacin and i derivatives OI Fluconazole and derivatives OI Aciclovir and i derivatives OI Flaverinz and i derivatives OI Lamivudine and derivatives OI Lamivudine and derivatives OI Nelfinavir Mesy and its derivatives	l/ viral A) l its R d its R d its R l its R	4.33				4.33
5	"Cardiac Drug Erectile Dysfunc -(25 TPA) Xanti Niconate and i derivatives OI Atorvastatin Cald and its derivative Fluvastatin Sodi and its derivative Oxyfedrine Hydrochloride an derivatives OI Pitavastatin and derivatives OI Pitavastatin Sod and its derivative Simvastatin and derivatives OI Sildenafil Citrate its derivatives O Sildenafil Citrate	s/ tion nol ts R cium s OR d its R l its R l its R l its R c and DR d its	2.08	0			2.08
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6	"Laxative / Anti Alcerative Drugs - (127 TPA) Bisacodyl and its derivatives OR Normacol and its derivatives OR Famotidine and its derivatives OR Lansoprazole and its derivatives OR Omeprazole, Omeprazole Magnesium / Sodium and its derivatives OR Pantaprazole and derivatives OR Rabeprazole and its derivatives."	10.58	0	10.58
7	"Antihypertensive Drugs - (24 TPA) Clonidine Hydrochloride and its derivatives OR Di- Pyridamole and its derivatives OR Verpamil Hydrochloride and its derivatives OR Amlodipine Besylate / Hydochloride and its derivatives OR Amlodipine Besylate / Hydrochloride and its derivatives OR Amlodipine Besylate / Hydrochloride and its derivatives Atenolol and its derivatives OR Benzapril Hydrochloride and its derivatives OR Candesartan Cliexetil & its derivatives OR Diltiazem Hydrochloride and its derivatives OR Enalapril Maleate and its derivatives OR Enalapril Maleate and its derivatives OR S- Amlodipin Besylate and its derivatives OR S- Amlodipin Besylate and its derivatives OR Terazosin Hydrochloride Dihyrate and its derivatives OR Telmisartan & its Derivatives"			



8	"Anti - Asthamatic Drugs - (72 TPA) Theophylline and its derivatives OR Etofylline and its derivatives OR Diprophylline and its derivatives OR Montelukast Sodium and its derivatives OR Salbutamol & its	6	0	6
9	derivatives." "Antiepileptic Drugs - (16 TPA) Carbamazepine and its derivatives "	1.33	0	1.33
10	"Anti Diabetic Drugs - (24 TPA) Sulphonamide/ Glibenclamide/ Glyburide and its derivatives OR Glimperide and its derivatives OR Pioglitazone Hydrochloride and its derivatives OR Repaglenide and its derivatives"	2		
11	"Antispasmodic Drugs- (6 TPA) Mebeverine Hydrochloride and its derivatives "	0.5	0	0.5
12	"Anti Cancer/ Antineoplastic Drugs - (1 TPA) Fosfestrol and its derivatives OR Cyclophosphamide and its derivatives OR Exemestane and its derivatives."	0.08	0	0.08
	33	2.Total Wate	r Requiremen	t
	Sin			



	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							
Dry season:	Total Water Requirement :	: (CMD)	NA							
	Fire fighting Underground tank(CMD):	- I water	NA				<u>_</u>			
	Fire fighting Overhead wa tank(CMD):	- ter	NA							
	Excess treate	ed water	NA				•			
	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 season:	Total Water Requirement (CMD) :		NA							
	Fire fighting - Underground water tank(CMD):		NA							
	Fire fighting Overhead wa tank(CMD):	ter	NA							
	Excess treate	ed water	NA							
Details of Swimming pool (If any)	NA									
	33.	.Detail	s of Total	l water co	nsume	d				
Particula rs Cons	sumption (CM	D)	I	Loss (CMD)		Eff	fluent (CMD)			
Water Require ment	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic 50	0	50	30	0	30	20	0	20		
Industrial Process 150	0	150	30	0	30	120	0	120		
Cooling tower & thermopa ck	Cooling ower & 175 0 175 ermopa ck		10	0	10	165	0	165		

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	Level of the Ground water table:	No RWH					
	Size and no of RWH tank(s) and Quantity:	NA					
	Location of the RWH tank(s):	NA					
34.Rain Water Harvesting	Quantity of recharge pits:	NA					
(RWH)	Size of recharge pits :	NA					
	Budgetary allocation (Capital cost) :	NA					
	Budgetary allocation (O & M cost) :	NA					
	Details of UGT tanks if any :	NA					
	Natural water drainage pattern:	From South to North					
drainage	Quantity of storm water:	NA					
	Size of SWD:	NA					
	•						
	Sewage generation in KLD:	20					
	STP technology:	Sewage is being treated in ETP with industrial effluent					
Sewage and	Capacity of STP (CMD):	NA					
Waste water	Location & area of the STP:	NA					
	Budgetary allocation (Capital cost):	NA					
	Budgetary allocation (O & M cost):	NA					
	36.Soli	d waste Management					
Waste generation in	Waste generation:	Not Applicable as this is case of violation					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	NA					
	Dry waste:	NA					
	Wet waste:	NA					
Wasto gonoration	Hazardous waste:	Details are provided in S. No. 45					
in the operation Phase:	Biomedical waste (If applicable):	NA					
	STP Sludge (Dry sludge):	NA					
	Others if any:	NA					

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Dry waste:			NA								
		Wet waste	•	NA							
Mode of	Disposal	Hazardous	waste:	Disposal of Hazardous Waste as per MPCB / CPCB norms. (details are provided Point No. 45 below)							
of waste:	nshozgi	Biomedica applicable	l waste (If):	NA							
		STP Sludg sludge):	e (Dry	NA							
		Others if a	ny:	NA							
		Location(s):	Near ETP							
Area requirem	ent:	Area for th of waste & material:	ne storage other	4x4 m				0.			
		Area for m	achinery:	4945.31 m2				GV			
Budgetary	allocation	Capital cos	st:	NA							
(Capital co O&M cost)	st and	O & M cos	t:	NA							
		I	37.Ef	fluent Cl	harecter	estics	N				
Serial Number	Paran	neters	Unit	Inlet E Charect	ffluent erestics	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)			
1	р	Н	NA	8.3	18	7.:	38	5.5 - 9.0			
2	Oil & Oil	Grease	mg/l	10		< 0.1		10			
3	BC	DD	mg/l	312		13		100			
4	TI	DS mg/l		14	76	11	14	2100			
5	Suspend	led Solid mg/l		13	32	1	8	100			
6	CC	DD	mg/l	958		4	0	250			
7	Chlo	rides	mg/l	442.69		47.74		600			
8	Sulp	hate	mg/l	48.	.25	8.	75	1000			
Amount of e (CMD):	effluent gene	eration	150								
Capacity of	the ETP:		150								
Amount of t recycled :	reated efflue	ent	150								
Amount of v	water send to	o the CETP:	NA	NA							
Membershi	p of CETP (if	f require):	NA	NA							
Note on ET	P technology	to be used	Effluent tre UF,RO,ME	luent treatment comprising of Primary, Secondary & Tertiary treatment system, F,RO,MEE							
Disposal of	the ETP sluc	lge	ETP Sludge	ETP Sludge is being sent to MWML, Taloja for disposal by landfilling							
	5		38.H a	zardous	Waste D	etails					
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal			
1	Residues a	and wastes	28.1	MT/Month	16	0	16	CHWTSDF			
2	Spent cata carbo specificatio	lyst/ spent on off on products	28.2	MT/Month	2	0	2	CHWTSDF			
3	Spent mot	ther liquor	28.4	MT/Month	59	0	59	Sale to register recycler/ CHWTSDF			
4	Spent orga	nic solvents	28.5	MT/Month	70	0	70	Sale to register recycler/ CHWTSDF			
	aners:										

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5	Chemical s E	ludge from TP	34.3	3	MT/Month	10	0	10	CHWTSDF		
6	Used/ s	pent oil	5.1	L	MT/Month	4	0	4	Sale to register recycler		
7	Date-e discarde specificat med	xpired, d and off- ion drugs/ icine	28.3	3	MT/Month	59	0	59	CHWTSDF		
			39	9.S t	acks em	ission De	etails				
Serial Number	Section	& units	Fue	el Us Quai	ed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	Boiler 1	(3.5 T/hr)	FO) -130	Lit/day	1	32	1.1	150?C		
2	Boilers (2 N 2 T/hr) -	Nos., eachof Standby	FO -	100 I eachl	.it/day for poiler	1	32	1.1	150?C		
3	DG Set (2	250 KVA)	HS	SD -3	5 Lit/hr	1	7	0.3	150?C		
4	DG Set (1	500 KVA)	HS	SD -21	0 Lit/hr	1	30	0.3	150?C		
5	DG Set (1	500 KVA)	HS	SD -21	0 Lit/hr	1	30	0.3	150?C		
40.Details of Fuel to be used											
Serial Number	Type of Fuel				Existing		Proposed		Total		
1	FO	for Boilers		260 Lit/Day			0 260 Lit/Day				
2	HSD	for DG Sets		950 Lit/hr			0		950 Lit/hr		
41.Source of Fuel Lo					Market						
42.Mode of	Transportat	ion of fuel to	site	Tanke	er						
						¥					
		Total RG a	rea :	-	Existing:14	217.45 m2					
		:	s to be	ocut NA							
43.Gree	n Belt	Number of be planted	trees	to	NA						
Develop	ment	List of prop native tree	posed s :	<u>, </u>	NA	IA					
		Timeline for completion plantation	or 1 of :		NA						
	44.Nu	mber and	l list	of t	rees spe	cies to b	e plante	d in the g	ground		
Serial Number	Name of	the plant	Сот	mmo	n Name	Qua	ntity	Characte	eristics & ecological importance		
1	N	ſΑ		Ν	A	N	A		NA		
45	i.Total qua	ntity of plan	ts on g	groui	nd						
46.Nun	nber and	list of sh	rubs	s an	d bushes	s species	to be pla	anted in	the podium RG:		
Serial Number		Name			C/C Dista	nce		Area	a m2		
1		NA			NA			N	IA		
47.Energy											

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		Source of supply :	f power	Maharashtra State Electricity Distribution Company Limited (MSEDCL)				
		During (Phase: (Load)	Construction Demand	NA				
_		DG set a back-up construc	s Power during tion phase	NA				
		During (phase (C load):)peration connected	2648 kVA				
require	ement:	During (phase (D load):)peration Jemand	1614 kVA				
		Transfor	mer:	2500KVA				
		DG set a back-up operatio	s Power during n phase:	DG Sets of 2	2 nos.:	250 kVA,15	00 kVA	Ao
		Fuel use	d:	HSD				
		Details of tension I through any:	f high ine passing the plot if	NO				
		48.Er	nergy savi	na by noi	1-CO	nvention	al metho	od:
Solar Energ	ſV							
	,,,		49 Detail	calculati	ons	& % of s	aving	
Serial Number	Е	nergy Co	nservation Me	easures			Sa	aving %
1	solar warn generator panel) o ,Resulting reduce th	m water sy with evacu n utility te g in saving he steam co e	stem Installed lated tube type rrace, Cap is 3 of thermal (ste onsumption, Al nvironment.	for Warm water solar collector (00000 Kcal/day eam) energy and so save fuel and By solar warm water system : 5.23 Lakhs Rs.				
		5	0.Details	of polluti	on c	ontrol S	ystems	
Source	Ex	isting pol	lution contro	l system			Proposed	to be installed
Air	Adequate s are prov	tck height ided and s	s to stack to be crubbers to provided	oilers and DG ocess vents a	sets re			NA
Water		Effluen	t Treatment Pl	lant				NA
Noise	CY	PPE, A	caustic Enclos	ure				NA
Solid Waste	Haz. V	Waste is be	ing disposed t	o CHWTSDF				NA
Budgetary (Capital	allocation cost and	Capital o	cost:	NA				
U&M	cost):	U & M C		INA		1 0	1	
51	.Enviro	onmei	ital Mar	lageme	nt j	plan Bi	lagetai	ry Allocation
		a) Construc	c <mark>tion pha</mark>	se (with Brea	ak-up):	
Serial Number	Attri	butes	Para	meter		Total (Cost per an	num (Rs. In Lacs)
1	N	IA	N	IA			Ν	A
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) Onorati	on Ph	aso (wi	th Broal	(au)			
Cartal		1							N (
Serial Number	Com	ponent	Descri	ption	Capi	tal cost Rs Lacs	. In Opera c	cost (Rs. in Lacs/yr)		
1	Air Pollu	tion Control	Scrubber Colle	s & Dust ctor		55.61		43.73		
2	Water Co	Pollution ontrol	ETP, RO),MEE		742.64		1114.	43	
3	Noise Pol	lutionContro	Acoustic Er Blower	iclosure and DG	to	37		10		
4	Envi Monit Mana	ronment oring and agement	Monitoring MoEF app	g througl roved La	h b	NA		4.2		
5	Gre	en Belt	Maintenand	e of Gree lt.	en	15		17	>	
6	Solie Mana	d Waste agement	Handling an at CHW	nd dispos /TSDF	al	9.5		40		
51.S	torag	e of ch	micals	(infla	amabl	e/expl	osive/ha	zardou	s/toxic	
	0			subs	stance	es)				
Descri	ption	Status	Location	Location Ca		Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation	
Petroleum Bul	Class A in k	NA	NA		90.00 KL	NA	NA	NA	NA	
Petroleum Bu	Class B in lk	NA	NA		30.00 KL	NA	NA	NA	NA	
Petroleum Bu	Class C in lk	NA	NA		64.00 KL	NA	NA	NA	NA	
DP Stor	e	NA	NA	>	40 KL	NA	NA	NA	NA	
Non Classi	fied Store	NA NA			36 KL	NA	NA	NA	NA	
			52.A	ny Oth	ner Info	rmation	L			
No Informa	tion Availa	ble	V.							
			53.	Fraffic	: Manag	gement				
	Nos. of the junction to the main road & design of confluence:									



	basement:	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	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:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	5(f) B
	Court cases pending if any	NA
	Other Relevant Informations	We have done application under violation case to MoEF vide Proposal Number IA/MH/IND2/68274/2017 on 09/09/2017. The case was transffered to SEAC Maharashtra vide Proposal Number SIA/MH/IND2/23401/2018. Again we have done application on state portal via MoEF videProposal number SIA/MH/IND2/23919/2018 on 09/04/2018 with reference to the public notice vide No. ENV-2018/Legal/CR-8.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	09-09-2017
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	Not Applicable	
Water Budget	Not Applicable	
Waste Water Treatment	Not Applicable	

approverses			Dukami
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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						



Silve

PP submitted application under violation category as per Notification issued by MoEF&CC dated 08.03.2018. The proposal was considered in the 154th meeting of SEAC-1 held on 30.08.2018 wherein ToR was granted to the PP for the preparation of EIA/EMP report for 5(f) category as per standard TOR and additional TOR points mentioned below subject to the applicability of general conditions with respect to the distance of the proposed site from Karnala Hill Bird Sanctury.

PP to refer to the Office Memorandum issued by MoEF&CC dated 19.08.2018 with respect to the standard conditions to be stipulated in the Environment Clearance letter for the Pharmaceutical industry to identify the impact of operations on the environment attributes and implement appropriate mitigation measures to reduce the impact.

PP to identify all such activities on site which have impacted on the various verticals of the environment like Water, Air, Soil and Noise etc and compare it with the standard parameters to assess the damage as referred in the Notification dated 08.03.2018.

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

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

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

4) PP to submit project site details (location, top sheet of the study area of 10 km., coordinates, Google map, layout map, land use, geological features and geo hydrological status of the study area, drainage pattern etc.)

5) PP to submit details of Forest and Wild Life Eco sensitive zones if nav in the study area and within the range of 5 km.

6) Land use of the study area delineating forest area, agricultural land, grazing land, wild life sanctuary, national parks, migratory routes of fauna, water bodies, human settlement and other ecological features to be indicated in the report.

7) PP to submit details of likely impact of the proposed project and work carried out without obtaining prior Environment Clearance on the environmental parameters (ambient air, surface and ground water, land, flora and fauna, ambient noise, climate change and socio economic etc.)

8) PP to assess ecological damage with respect to the air, water, land and other environmental attributes. The collection and analysis of data shall be done by an Environmental Laboratory accredited by NABL or a laboratory of a council of Scientific and Industrial Research (CSIR) Institution working in the field of Environment.

9) PP to prepare an EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.

10) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.

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

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

13) PP to provide new and renewable energy sources for the illumination of the office building and street lights.

PP submitted EIA/EMP report and the proposal was considered in the 180th & 184th meeting of SEAC-1 held on 03.03.2020 & 05.06.2020 wherein PP requested to postpone the case.

PP submitted copy of letter obtained from the Dy. Conservator of Forest dated 31.10.2019 mentioning the distance of proposed project site from the Karnala Bird Sanctuary is 5.17 KM.

The EIA/EMP report was appraised in the 189th meeting of SEAC-1.

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

DECISION OF SEAC



PP remained absebt in 205th meeting ,hence deferred

Specific Conditions by SEAC:

1) PP to submit revised layout plan showing 33% green belt with minimum 5 meter width (green belt area width and length to be shown in the area calculation table) and internal roads with six meter width and nine meter turning radius. PP also to ensure that all internal roads area interconnected or provided with cul-de-sac at dead ends. PP to ensure authentication of the layout with signature of PP, Consultant and Architect.

2) PP to submit contour plan showing contour levels, storm water drains, invert levels, internal roads and rain water harvesting facilities. PP to submit storm water drain calculations and rain water harvesting calculation on the plan. PP also to mark the location of connection of storm water drain to the common MIDC drain along with its cross section and invert level. PP to consider 125 mm rain intensity in Mumbai / Konkan area and 100 mm in rest of the Maharashtra area for the purpose of calculations.

3) PP to upload form -II on the web site.

4) PP to submit details of proposed mitigation measures to be adopted to reduce identified impacts in the life cycle analysis along with budgetary allocation in the EMP and time schedule for its implementation.

5) PP to submit detailed ecological damage calculations as per approach paper issued by SEIAA, Maharashtra along with proposed Environmental management Plan and Natural and Community Augmentation Plan with its cost to be deposited as bank guarantee with the Maharashtra Pollution Control Board.

6) PP to submit their CER plan for development of social and environmental infrastructure in the Z.P. Schools / Primary Health Centre within the study area of the proposed project prepared in consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.20218.

7) PP to ensure that, the uniform information is submitted in the Consolidated Statement. Form-I/II, EIA/EMP report and Presentation at the time of appraisal.

FINAL RECOMMENDATION

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



Agenda of 205th Meeting of State Level Expert Appraisal Committee-1 (SEAC-1) SEAC Meeting number: 205th (Day-1) Meeting Date September 7, 2021

Subject: Environment Clearance for Proposed project

5						
Is a Violation Case: No						
1.Name of Project	Survival Technologies Pvt Ltd					
2.Type of institution	Private					
3.Name of Project Proponent	Survival Technologies Pvt Ltd					
4.Name of Consultant	Green Circle Inc.					
5.Type of project	Industrial Estate					
6.New project/expansion in existing project/modernization/diversification in existing project	Proposed Project					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA					
8.Location of the project	Plot No. G-1,MIDC Mahad					
9.Taluka	Mahad					
10.Village	Mahad					
Correspondence Name:	Shri Vijay Agrawal , Director					
Room Number:	NA					
Floor:	NA					
Building Name:	NA					
Road/Street Name:	MIDC, Mahad					
Locality:	Tal.: Mahad					
City:	Raigad					
11.Whether in Corporation / Municipal / other area	Other Area- Mahad MIDC , Dist. Raigad					
	Plot Plan Approval by MIDC Mahad					
12.10D/10A/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Plot Plan Approval by MIDC Mahad					
**	Approved Built-up Area: 15189					
13.Note on the initiated work (If applicable)	No Any work Initiated					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Plot Plan Approved from MIDC Mahad					
15.Total Plot Area (sq. m.)	34222 Sq. mtr.					
16.Deductions	NA					
17.Net Plot area	NA					
	a) FSI area (sq. m.): NA					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): NA					
	c) Total BUA area (sq. m.): 15189					
	Approved FSI area (sq. m.): NA					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): NA					
2.011	Date of Approval: 01-01-1900					
19.Total ground coverage (m2)	Na					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA					
21.Estimated cost of the project	383900000					

22.Number of buildings & its configuration



Serial number	Buildin	ıg Name & nun	nber	Num	ber of floors	Height of the building (Mtrs)		
1		NA	NA NA NA					
23.Number tenants ar	r of Id shops	NA						
24.Number expected r users	r of residents /	NA						
25.Tenant per hectar	density e	NA						
26.Height building(s	of the)							
27.Right of (Width of from the r station to proposed 1	f way the road learest fire the building(s)	Around 10 M						
28.Turnin for easy ac fire tender movement around the excluding for the pla	g radius ccess of f from all e building the width ntation	ius of h all lding vidth						
29.Existin structure	g (s) if any	NA						
30.Details demolition disposal (l applicable	of the h with f)	NA						
			31. P	roducti	on Details			
Serial Number	Pr	oduct	Existi	ng (MT/M)	Proposed (MT/M)	Total (MT/M)		
1	1-ethyl 3-(3- (dimethylamino)propyl) carbodimide hydrochloride (STP - 720)		0		21	MT/M		
2	Trifluro Ac (S	etic Anhydride ΓΡ-90)		0 3		MT/M		
3	3-Ethynyl 1	Aniline (STP- 135)		0	1	MT/M		
4	Speciality C Or	hemicals & fine ganic		0	70	MT/M		
32.Total Water Requirement								



	Source of wa	ter	MIDC Water Supply								
	Fresh water	(CMD):	437								
	Recycled wat Flushing (CM	Recycled water - Flushing (CMD):		NA							
	Recycled wat Gardening (C	cer - CMD):	NA								
	Swimming p make up (Cu	ool m):	NA								
Dry season:	Total Water Requirement :	t (CMD)	437								
	Fire fighting Underground tank(CMD):	- l water	NA				<u>.</u>				
	Fire fighting Overhead wa tank(CMD):	- ter	NA				0				
	Excess treate	ed water	NA				•				
	Source of wa	ter	MIDC Water	r Supply							
	Fresh water	(CMD):	437								
	Recycled wat Flushing (CN	cer - 1D):	NA		\mathbf{O}						
	Recycled wat Gardening (C	cer - CMD):	NA								
	Swimming pe make up (Cu	ool m):	NA								
Wet season:	Total Water Requirement :	t (CMD)	437								
	Fire fighting Underground tank(CMD):	- l water	NA								
	Fire fighting Overhead wa tank(CMD):	ter	NA								
	Excess treate	ed water	NA								
Details of Swimmin pool (If any)	J NA										
	33	.Detail	s of Tota	l water co	nsume	d					
Particula rs Co	nsumption (CM	D)	I	Loss (CMD)		Eff	fluent (CMD)				
Water Require ment	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic 0	25	25	0	5	5	0	20	20			
Industrial Process 0	232	232	0	32	32	0	200	200			
Cooling tower & 0 thermopa ck	180	180	0	110	110	0	70	70			
Gardening 0	10	10	0	10	10	0	0	0			

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	Level of the Ground water table:	Around below 50 ft					
	Size and no of RWH tank(s) and Quantity:	4 Nos having size 3 m x 2.5m x 2m					
	Location of the RWH tank(s):	within plot					
34.Rain Water Harvesting (RWH)	Quantity of recharge pits:	4					
	Size of recharge pits :	3m x 2.5m x 2m					
	Budgetary allocation (Capital cost) :	10 Lakhs					
	Budgetary allocation (O & M cost) :	0.4 Lakhs					
	Details of UGT tanks if any :	Yes					
	Natural water drainage pattern:	NA					
drainage	Quantity of storm water:	NA					
	Size of SWD:	NA					
	Sewage generation in KLD:	25					
	STP technology:	Septic Tank will be provided about 25 KLD					
Sowage and	Capacity of STP (CMD):	25 CMD					
Waste water	Location & area of the STP:	Proposed					
	Budgetary allocation (Capital cost):	Proposed Around 50 Lakh					
	Budgetary allocation (0 & M cost):	Proposed Around 1 Lakh					
	36.Solie	d waste Management					
Waste generation in	Waste generation:	Minor Quantity of Demolition Waste Debris					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Inhouse Low Lying Area					
	Dry waste:	Boiler Ash,Wooden Scrap, Plastic Scrap , MS/AS/SS, Paper Waste/Card Board, Used Insulation Material,Safety Helmet ,Safety					
	Wet waste:	Canteen/ Kitchen Waste					
Waste generation	Hazardous waste:	Used Oil, Used Batteries, Spent Solvent,Distillation residues, Process Residue, Discarded Drum & ETP Sludge					
Phase:	Biomedical waste (If applicable):	NA					
	STP Sludge (Dry sludge):	NA					
	Others if any:	NA					
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		Dry waste:		Reuse & Recycle or Sale							
		Wet waste	0 0	Landfill							
		Hazardous waste:		CHWTSDF or Recycle/Reuse as sale to Authorized Processor							
Mode of DisposalBioof waste:app		Biomedica applicable	Biomedical waste (If applicable):		NA						
STP Sludg sludge):			e (Dry	(Dry NA							
		Others if a	ny:	NA							
		Location(s	: Within Plot								
Area for th of waste & material:			ne storage other	er Within Plot							
		Area for m	achinery:	NA							
Budgetary	allocation	Capital cos	st:	5 Lakhs				6			
(Capital co O&M cost)	st and	O & M cos	t:	10 Lakhs							
			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	N	A	6.5	-7.2	6.5-8.5			
2	Total Su Sol	spended ids	mg/l	2000	-5000	100 mg/l		100 mg/l			
3	BC)D	mg/l	850-1100		100 mg/l		100 mg/l			
4	CC)D	mg/l	1200-1700		250 mg/l		250 mg/l			
5	0il & (Grease	mg/l	21-24		10 r	mg/l	10 mg/l			
6	Total Disso	olved Solid	mg/l	5000-7000		2100 mg/l		2100 mg/l			
7	Sulpl	hates	mg/l	1450	-2200	1000	mg/l	1000 mg/l			
8	Chlo	rides	mg/l	1000-1200 600 mg/l 600 mg/l							
Amount of e (CMD):	effluent gene	eration	270								
Capacity of	the ETP:		325	325							
Amount of t recycled :	reated efflue	ent	NA								
Amount of v	vater send to	o the CETP:	270								
Membershij	p of CETP (if	require):	Yes	les							
Note on ET	P technology	to be used	Oil & greas ,Neutralizat)il & grease Trap with Mechanical Oil Skimmer, Collection cum Equation Tank Neutralization Tank , Primary Clarification System, Chemical Dosing System							
Disposal of	the ETP sluc	lge	CHWTSDF	CHWTSDF							
	5		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	lit/M	-	100	100	Sale to Authorized reprocessor			
2	Used B	atteries	9.1	-	-	As and when required	As and when required	Sale to Authorized reprocessor			
3	Spent S	Solvent	28.5	MTD	-	5	5	Recycle/Reuse			
4	Distillation	n Residual	28.1	28.1 MTD - 1.2 1.2 CHWTSDF							



5	Process	Residue	28	3.1	MTD	-	- 5		5	CHWTSDF	
6	Discarde	ed Drum	33	3.3	No./Month	-		1200 1200		Reuse/Recycle	
7	ETP S	Sludge	34	.3	MTD	-	- 11		11	CHWTSDF	
39.Stacks emission Details											
Serial Number	Section	ion & units Fu			uel Used with Quantity		s No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Boi	iler		4000	Kg/Hr	1		30	3	130	
2	Hot oil G	enerator	40	00000	Kcal/Hr	1	-	15	1.5	100	
3	Scrub	ober-2		200	CFM	2	2	10	1.5	Ambient	
4	DG s	set- 2		750	KVA	1	-	7.5	1.0	110	
			4	0.De	tails of F	uel t	to be	e used		GV	
Serial NumberType of FuelExistingProposedTotal									Total		
1	Coal	or Briquette			0		19) MT/day or 2 MT/day	22 19	MT/day or 22 MT/day	
2		LDO			0			540 Lit/Day		540 Lit/Day	
3		HSD			0		4	1.5 Lit/Hour		41.5 Lit/Hour	
41.Source of Fuel F					From Nearby Source						
42.Mode of	Transportat	ion of fuel to	site	By Ro	bad						
								9			
		Total RG a	rea :		10500 sq.m	ıt					
		No of trees	s to be	e cut	NA						
43.Gree	n Belt	Number of be planted	trees to : 125								
Develop	ment	List of proposed native trees :			Neem, coconut, Mango etc						
		Timeline for completion plantation	or 1 of :	>	2 - 3 Years						
	44.Nu	nber and	l list	of t	rees spe	cies	to b	e planteo	d in the g	ground	
Serial Number	Name of	the plant	Co	ommo	n Name		Quantity			eristics & ecological importance	
1	Neem			Neem 2		2	25 Good for oxy		for oxygen release		
45	.Total quar	ntity of plan	ts on	grou	nd						
46.Number and list of shrubs and bushes species to be planted in the podium RG:											
Serial Number	ial Name C/				C/C Dista	tance Area m2			a m2		
1	Hibiscus 2.5 M 100						00				
47.Energy											


		Source of power	From MSFDCI	From MSEDCL					
		supply :	I IOIII MIGEDOL						
		During Construction Phase: (Demand Load)	750 KVA						
		DG set as Power back-up during construction phase	750 KVA						
		During Operation phase (Connected load):	750 KVA						
require	ement:	During Operation phase (Demand load):	750 KVA						
		Transformer:	NA	C V					
		DG set as Power back-up during operation phase:	750 KVA	50 KVA					
		Fuel used:	HSD -41.6 Lit/Hr						
		Details of high tension line passing through the plot if any:	NA						
		48.Energy sav	ing by non-co	nventional method:					
Solar Pannels will be installed on Admin Building Rooftop									
49.Detail calculations & % of saving:									
Serial Number	E	Energy Conservation N	Ieasures	Saving %					
1		NA		0					
		50.Details	of pollution	control Systems					
Source	Ex	xisting pollution cont	rol system	Proposed to be installed					
From Fuel burning sources		NA		Effluent Treatment Plant					
From Process Emission		NA	Process Scrubber						
Effluent from utilities and process, domestic Sewage	S	NA		Effluent Treatment Plant & Septic Tank					
Hazardous waste from Process Operations		NA		CHWTSDF, Authorized Recycler					
Budgetary (Capital	allocation	Capital cost:	3900000						
O&M	cost):	O & M cost:	2.1 Cr						
51.Environmental Management plan Budgetary Allocation									
Sukami									

Abhay Pimparkar (Secretary	SE A
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		a)	Construe	c tion]	pha	se (v	vith Bre	ak-u	ı p):				
Serial Number	Att	ributes	Para	meter		Total Cost per annum (Rs. In Lacs)							
1		NA	N	IA					NA				
		ł	o) Operat	ion Pl	has	e (wi	th Brea	k-up):				
Serial Number	Com	ponent	Descr	iption		Capi	ital cost Rs Lacs	. In	Opera c	tional and ost (Rs. in	Maintenance Lacs/yr)		
1	Air Pollu	tion Control	Process S Adequa	Scrubbei te Stack	r,		5			2			
2	Env. N	Ionitoring	Env. Mo	onitoring	ſ		5			2			
3	Water Co	Pollution ontrol	E	ΤР			85			25			
4	Hazardo Solio Mana	ous Waste & d Waste agement	Hazardo Disp	Hazardous Waste Disposal			5			65			
5	Gre Deve	en Belt elopment	Gree: Develo	Green Belt Development			25			5			
6	Occupatio S	onal Health & afety	Occupation Sat	Occupational Health & Safety			76			26			
7	Green	initiative	Rain Water	Harvest	ting	12			0.3				
8	Green	initiative	Solar	Power		10				0.4			
51.S	torag	e of che	micals	(infl sub	lan sta	nabl Ince	e/expl es)	osiv	/e/haz	zardou	s/toxic		
Descri	Description Status Location				Sto Cap in	prage pacity MT	Maximum Quantity of Storage at any point of time in MT	Cons / M	umption onth in MT	Source of Supply	Means of transportation		
N	4	NA	NA		1	NA	NA		NA	NA	NA		
			52.A	ny Ot	her	Info	rmation	1					
No Informa	tion Availa	ble											
			53.	Traffi	сM	lana	gement						
	Å	Nos. of th to the ma design of confluence	e junction in road & e:	NA									



	Numb basen	per and area of nent:	NA				
	Numh podia	per and area of :	NA				
	Total	Parking area:	2286 S.mt				
	Area]	per car:	NA				
	Area]	per car:	NA				
Parking details:	Numb Whee appro comp autho	ber of 2- lers as wed by etent ority:	NA				
	Numb Whee appro comp autho	ber of 4- lers as wed by etent ority:	NA				
	Publi	c Transport:	NA				
	Width roads	n of all Internal (m):	4 m				
	CRZ/ obtain	RRZ clearance n, if any:	NA				
	Distan Prote Critic areas areas bound	nce from cted Areas / ally Polluted / Eco-sensitive / inter-State daries	NA				
	Categ sched Notifi	ory as per lule of EIA ication sheet	5(f)- chemical Industry				
	Court if any	cases pending	NA				
	Other Inform	r Relevant mations	NA				
	Have subm Applic on M	you previously itted cation online OEF Website.	No				
	Date subm	of online ission	-				
SEAC	DIS	CUSSION	ON ENVIRONMENTAL ASPECTS				
Environmental Impacts of the project	Not Aj	pplicable					
Water Budget	Not Aj	pplicable					
Waste Water Treatment	Not Applicable						
Drainage pattern of the project	Not Applicable						
Ground water parameters	Not Applicable						
Solid Waste Management	Not Aj	pplicable					
Abhay Pimparkar (Secretary SEAC-I)		SEAC Meeting No Sep	p: 205th (Day-1) Meeting Date: ptember 7, 2021 Page 39 of 160 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
	C-A-SHARA

Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 205th (Day-1) Meeting Date: September 7, 2021 Page 40 Vijay Kulkarni (Chairman of 160 SEAC-I)

Bukami

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

During deliberations, it is observed that, PP has not yet obtained permission from the CETP to discharge their effluent. Also, PP was not having adequate docuemnts like proper layout, area statement etc.

In view of above, SEAC-1 decided to defer the proposal till PP submits permission from the CETP for discharge of their waste water and proper layout as required below,

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

2. PP to submit plan layout showing contour levels, storm water drain lines and location of rain water harvesting facilities along with calculations. PP to consider 125 mm rain intensity in Mumbai / Konkan area and 100 mm in rest of the Maharashtra area for the purpose of calculations.

DECISION OF SEAC

PP remained absent in 205th meeting, hence deferred

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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



Agenda of 205th Meeting of State Level Expert Appraisal Committee-1 (SEAC-1) SEAC Meeting number: 205th (Day-1) Meeting Date September 7, 2021

Subject: Environment Clearance for Environment Clearance for Proposed Expansion of existing synthetic organic chemicals manufacturing facility.

Is a Violation Case: No	
1.Name of Project	Proposed expansion of existing synthetic organic chemicals manufacturing facility, by Vasudha Chemicals Private Limited.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Srinath Shetty
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.
5.Type of project	Synthetic Organic Chemicals Manufacturing Industry
6.New project/expansion in existing project/modernization/diversification in existing project	Proposed Expansion of existing synthetic organic chemicals manufacturing facility.
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable as proposed expansion is for synthetic organic chemicals manufacturing facility which was establish in 08/12/1989 Prior to EIA Notification of year 2006.
8.Location of the project	Plot No H -5 & H-13, MIDC Taloja, Panvel, Raigad, Maharashtra - 410 208
9.Taluka	Panvel
10.Village	MIDC Taloja
Correspondence Name:	Mr. Srinath Shetty
Room Number:	501
Floor:	5th Floor
Building Name:	Sai Ashish, A wing
Road/Street Name:	Balrajeshwar road
Locality:	Mulund (West)
City:	Mumbai- 400 080
11.Whether in Corporation / Municipal / other area	Maharashtra Industrial Development Corporation- Taloja
	MIDC DC Rules.
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: EETWC58892 Dated: 23/08/2013 (Deputy Engineer MIDC Taloja)
	Approved Built-up Area: 1034.121
13.Note on the initiated work (If applicable)	Not Applicable as application pertains for proposed expansion of existing Synthetic Organic Chemicals Manufacturing Facility .
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Industry Registration from Directorate of Industries vide No.: 11 12 80283 PMT SSI Dated: 08/12/1989
15.Total Plot Area (sq. m.)	3100 sq m
16.Deductions	0 Sq. mtr.
17.Net Plot area	3100 Sq. mtr.
10 (a) Branned Breth an Area (ECLS	a) FSI area (sq. m.): Not applicable
Non-FSI)	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.): 1034.121
19 (b) Approved Puilt up area as per	Approved FSI area (sq. m.):
DCR	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	1500000



	2	2.Num	ber of l	buildin	gs & its co	nfigu	ration		
Serial number	Buildin	ig Name & i	number	Nu	mber of floors	Н	aight of the building (Mtrs)		
1	1 Not applicable Not applicable Not applicable								
23.Number of tenants and shops									
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 way (Width of the road from the nearest fire station to the proposed building(s)							04.64		
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	Not applica	ble						
29.Existing	J (s) if any	Proposed ex	xpansion will	l be carried o	out in existing facilit	ty.			
30.Details demolition disposal (I applicable	of the with f	Not applica	ble						
			31.P	roduct	ion Details	6			
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/N	M)	Total (MT/M)		
1	Poly Glyco	ols (PEG's)	5	0	400		450		
2	Polysorba gra	ates of all des	2	0	320				
3	Non ionic &org interm	emulsifiers janic ediates	2	0	100		120		
4	Benzl	nydrol	2	0	100		120		
32.Total Water Requirement									



		Source of wa	ter	Not applicable								
		Fresh water	(CMD):	Not applical	lot applicable							
		Recycled wat Flushing (CM	er - ID):	Not applical	ole							
		Recycled wat Gardening (C	er - CMD):	Not applical	Not applicable							
		Swimming po make up (Cu	ool m):	Not applical	ole							
Dry season	1:	Total Water Requirement :	(CMD)	Not applical	ble							
		Fire fighting Underground tank(CMD):	- l water	Not applical	ole			<u>_</u>				
		Fire fighting Overhead wa tank(CMD):	- ter	Not applical	ole			0				
		Excess treate	ed water	Not applical	ole			•				
		Source of wa	ter	Not applicat	ole							
		Fresh water	(CMD):	Not applical	ole							
		Recycled wat Flushing (CM	er - ID):	Not applical	ole	\mathbf{O}						
		Recycled water - Gardening (CMD):		Not applicable								
		Swimming po make up (Cu	ool m):	Not applical	ole							
Wet seaso	n:	Total Water Requirement :	(CMD)	Not applical	ble							
		Fire fighting Underground tank(CMD):	- I water	Not applicable								
		Fire fighting Overhead wa tank(CMD):	ter	Not applicable								
		Excess treate	ed water	Not applicat	ole							
Details of s pool (If an	Swimming y)	Not applicable	•									
		33.	Detail	s of Total	l water co	nsume	dl					
Particula rs	Cons	umption (CM	D)	Ι	Loss (CMD)		Eff	fluent (CMD)				
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	2.0	3.0	5.0	1.0	1.5	2.5	1.0	1.5	2.5			
Industrial Process	0.1	0.1	0.2	0	0	0	0.1	0.1	0.2			
Cooling tower & thermopa ck	17.7	27.1	44.8	15.5	24.0	39.5	2.2	3.1	5.3			
Gardening	0	0	0	0	0	0	0	0	0			

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Abhay Pimparkar (Secretary	SEAC Meeting No: 205th (Day-1) Meeting Date:	Page 44	Vijay Kulkarni (Chairman
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	Level wate	l of the Ground r table:	Not Applicable					
	Size tank Quar	and no of RWH (s) and ntity:	Not Applicable					
	Location of the RWH tank(s):		Not Applicable					
34.Rain Water Harvesting	Quar pits:	ntity of recharge	Not Applicable					
(RWH)	Size :	of recharge pits	Not Applicable					
	Budg (Cap	jetary allocation ital cost) :	Not Applicable					
	Budg (0 &	jetary allocation M cost) :	Not Applicable					
	Deta if any	ils of UGT tanks y :	Yes, UGT Tank for Water located at Utility Area					
	Natu drair	ral water age pattern:	Not Applicable					
drainage	Quantity of storm water:		Not Applicable					
	Size	of SWD:	Not Applicable					
	Sewage generation in KLD:		2.5					
	STP	technology:	Not Applicable as Sewage generated within site is soaked in soak pit, overflow if any is sent to CETP for further treatment & disposal.					
Sewage and	Capacity of STP (CMD):		Not Applicable as Sewage generated within site is soaked in soak pit, overflow if any is sent to CETP for further treatment & disposal.					
Waste water	Location & area of the STP:		Not Applicable					
	Budgetary allocation (Capital cost):		Not Applicable					
	Budgetary allocation (O & M cost):		Not Applicable					
		36.Solie	d waste Management					
Waste generation in	Wast	e generation:	Not Applicable					
the Pre Construction and Construction phase:	Dispo cons debri	osal of the truction waste is:	Not Applicable					
	Dry v	waste:	Plastic waste bag - 10 kg/per month					
	Wet	waste:	Not Applicable					
Waste generation	Haza	rdous waste:	Category 34.3 Chemical sludge from waste water treatment : 0.180 TPA. Category 28.2 Spent catalyst / Spent carbon · 3.0 TPA					
in the operation Phase:	Biom appli	nedical waste (If icable):	Not Applicable					
	STP sludg	Sludge (Dry je):	Not Applicable					
	Othe	rs if any:	Not Applicable					
Abhay Pimparkar (Secre SEAC-I)	etary	SEAC Meeting No Set	205th (Day-1) Meeting Date: ptember 7, 2021 Page 45 of 160 SEAC-I)					

		Dry wasta		Sale to core	n doolor					
		Wet waste		Not Applicable						
		Hazardous	waste:	CHWTSDF & Reuse/ Recycle						
Mode of Disposal of waste:		Biomedica applicable	l waste (If):	Not Applicable						
		STP Sludg sludge):	e (Dry	Not Applica	ble					
		Others if a	ny:	Not Applica	lble					
		Location(s):	Utility Area						
Area requirem	ent:	Area for th of waste & material:	ne storage other	4 sq. m						
		Area for m	achinery:	Utility Area						
Budgetary	allocation	Capital cos	st:	NIL				6		
(Capital co O&M cost)	st and	O & M cos	t:	0.2 Lakhs P	er Annum					
		<u> </u>	37.Ef	fluent Cl	harecter	estics				
Serial Number	Paran	neters	Unit	Inlet E Charect	ffluent erestics	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)		
1	p	H			-	6.8	38	5.5 to 9.0		
2	S	S	mg/l		-	7	2	100 mg/l		
3	BC	DD	mg/l			8	8	100 mg/l		
4	CC	COD		-		240		250 mg/l		
5	TI	DS	mg/l		-)			
6	Oil & (Grease	mg/l	- Not Detected 10 mg/l						
Amount of e (CMD):	effluent gene	eration	8.0 cmd							
Capacity of	the ETP:		Effluent Tre effluent ger	fluent Treatment Plant with total capacity of 8.5 cmd is provided to treat trade fluent generated.						
Amount of t recycled :	reated efflue	ent	Not Applica treatment a	ot Applicable as Primary treated effluent is sent to CETP, Taloja for further reatment and disposal.						
Amount of v	vater send to	o the CETP:	8.0 cmd aft	.0 cmd after primary treatment sent to CETP for further Treatment.						
Membershij	o of CETP (if	require):	Yes, Industr	Industry is member of Taloja CETP Co. Op. Society Ltd.						
Note on ETI	P technology	to be used	ETP with primary Treatment Facility is installed at site to treat overflow from Septic Tank and trade effluent. primarily treated effluent is sent to CETP for further treatment and disposal.							
Disposal of	the ETP slud	lge	Chemical sl	emical sludge from waste water treatment - disposal at CHWTSDF						
	c		38.H a	zardous	Waste D	etails				
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	1 Chemical Sludge from Waste Water Treatment		34.3	TPA 0.120		0.060	0.180	CHWTSDF		
2	Spent catal car	lyst / Spent bon	28.2	TPA	1.5	1.5	3.0	Reuse/ Recycle		
			39.St	acks em	ission Do	etails				



Bulkami

Serial Number	Section & units		uel Used with Quantity		Stack	No.	Height from ground level (m)	Internal diameter (m)		Temp. of Exhaust Gases	
1	Boiler (60	0 Kgs/hr)	LD	D - 860) Lit/day	1	1 22 mtr		Not Availal	ble	Not Available
2	DG Sets	63 KVA	HS	D - 360) Lit/day	1		As per statutory requirement.	Not Availal	ble	Not Available
			4	0.De	tails of [Fuel	to k	e used	-	ľ	
Serial Number	Тур	oe of Fuel			Existing			Proposed			Total
1		LDO			200 Lit/Day	y		660 Lit/day			860 Lit/day.
2		HSD			0 Lit/Day			360 Lit/day			360 Lit/day
41.Source of	of Fuel			From	Authorized	l Supple	er				
42.Mode of	Transportat	ion of fuel to	site	Throu	ıgh Road						
		Total RG a	rea :		50 Sq. Mtr	50 Sq. Mtr.					
		No of tree :	s to b	e cut 0							
43.Gree	n Belt	Number of be planted	f trees l :	to 0							
Develop	ment	List of pro native tree	posed es :	6							
		Timeline f completion plantation	or n of .:	Not Applicable							
	44.Nu	mber and	d list	t of t	rees spe	ecies	to l	be planted	l in th	e g	round
Serial Number	Name of	the plant	C	ommo	n Name		Qu	antity	Chara	acteı iı	ristics & ecological mportance
1	Will be pi E	rovided in IA	Wil	l be pı E	rovided in IA	Wil	l be p	provided in EIA	W	/ill be	e provided in EIA
45	5.Total qua	ntity of plar	nts on	grou	nd						
46.Nun	ıber and	list of s	hrub	s an	d bushe	s spe	cie	s to be pla	nted	in t	he podium RG:
Serial Number	Serial Name C/C Dist				ance			A	Area	m2	
1	Will be p	provided in E	IA	W	ill be provid	led in E	IA		Will be]	provi	ded in EIA
	<u> </u>	Y			47. E	nerg	Jy				



		Source of p supply :	ower	The proposed power requirement for the expansion is 98 KVA which will be sourced from MSEDCL grid.			
		During Cor Phase: (De Load)	nstruction mand	98 KVA			
		DG set as I back-up du constructio	Power Iring on phase	1 No. 63 KVA			
Dowor		During Operation phase (Connected load):		98 KVA			
require	ement:	During Ope phase (Der load):	eration nand	98 KVA			
		Transform	er:	details will be p	rovided in EIA		
		DG set as H back-up du operation J	Power uring phase:	There is one en	ergency DG se	et at site its capacity is 63 KVA.	
		Fuel used:		HSD			
		Details of I tension lin through th any:	nigh e passing e plot if	No		100	
		48.Ene	rgy savi	ng by non-c	onvention	al method:	
Will be prov	ide in EIA		35	<u> </u>		/	
		49	9.Detail	calculation	s & % of s	aving:	
Serial Number	E	nergy Conse	ervation Me	easures Saving %			
1		Will be p	provide in El	Ā		Will be provide in EIA	
		50.	Details	of pollution	control S	ystems	
Source	Ex	isting pollu	tion contro	system Proposed to be installed			
Air	Adoguata	Stack Height	with contro		Ademiate	Stack Height with control measure as per	
Pollution (Boiler & DG Set)	Adequate	CPCB Guide	elines is prov	vided	Mucquute	CPCB Guidelines is provided	
All Pollution (Boiler & DG Set) Water Pollution (Process, Utilities, Domestic)	Adequate	CPCB Guide	ETP & dispos	vided	Adequate	CPCB Guidelines is provided capacity of ETP & disposal of effluent to CETP	
All Pollution (Boiler & DG Set) Water Pollution (Process, Utilities, Domestic) Noise Pollution	Adequate	CPCB Guide capacity of F Acoustic	ETP & dispos CETP enclosure, P	vided sal of effluent to PE	Adequate	CPCB Guidelines is provided capacity of ETP & disposal of effluent to CETP Acoustic enclosure, PPE	
All Pollution (Boiler & DG Set) Water Pollution (Process, Utilities, Domestic) Noise Pollution Hazardous Waste	Adequate Adequate Sent to au	CPCB Guide capacity of F Acoustic thorised Reu D	ETP & dispos CETP enclosure, P se/ Recycle	sal of effluent to PE & CHWTSDF for	Adequate Sent to au	CPCB Guidelines is provided capacity of ETP & disposal of effluent to CETP Acoustic enclosure, PPE thorised Reuse/ Recycle & CHWTSDF for Disposal	
All Pollution (Boiler & DG Set) Water Pollution (Process, Utilities, Domestic) Noise Pollution Hazardous Waste Budgetary	Adequate Adequate Sent to au	CPCB Guide capacity of F Acoustic thorised Reu D Capital cos	ETP & dispos CETP enclosure, P se/ Recycle isposal	vided sal of effluent to PE & CHWTSDF for Will be provide	Adequate Sent to au n EIA	CPCB Guidelines is provided capacity of ETP & disposal of effluent to CETP Acoustic enclosure, PPE thorised Reuse/ Recycle & CHWTSDF for Disposal	
All Pollution (Boiler & DG Set) Water Pollution (Process, Utilities, Domestic) Noise Pollution Hazardous Waste Budgetary (Capital O&M	Adequate Adequate Sent to au allocation cost and cost):	CPCB Guide capacity of F Acoustic thorised Reu D Capital cos O & M cost	ETP & dispos CETP enclosure, P se/ Recycle isposal st:	PE & CHWTSDF for Will be provide Will be provide	Adequate Adequate Sent to au n EIA n EIA	CPCB Guidelines is provided capacity of ETP & disposal of effluent to CETP Acoustic enclosure, PPE thorised Reuse/ Recycle & CHWTSDF for Disposal	
All Pollution (Boiler & DG Set) Water Pollution (Process, Utilities, Domestic) Noise Pollution Hazardous Waste Budgetary (Capital O&M	Adequate Adequate Sent to au allocation cost and cost): .Enviro	CPCB Guide capacity of F Acoustic of thorised Reu D Capital cost O & M cost	ETP & dispos CETP enclosure, P se/ Recycle isposal st: :: al Man	PE & CHWTSDF for Will be provide Will be provide	Adequate Adequate Sent to au n EIA n EIA plan Bi	CPCB Guidelines is provided capacity of ETP & disposal of effluent to CETP Acoustic enclosure, PPE thorised Reuse/ Recycle & CHWTSDF for Disposal udgetary Allocation	
All Pollution (Boiler & DG Set) Water Pollution (Process, Utilities, Domestic) Noise Pollution Hazardous Waste Budgetary (Capital O&M 51	Adequate Adequate Sent to au allocation cost and cost): .Enviro	CPCB Guide capacity of F Acoustic of thorised Reu D Capital cost O & M cost Dnment a)	ETP & dispos CETP enclosure, P se/ Recycle isposal st: :: Construc	Theasure as pervided sal of effluent to PE & CHWTSDF for Will be provide Will be provide Lagement	Adequate Adequate Sent to au n EIA n EIA plan Bu (with Bre	CPCB Guidelines is provided capacity of ETP & disposal of effluent to CETP Acoustic enclosure, PPE thorised Reuse/ Recycle & CHWTSDF for Disposal udgetary Allocation ak-up):	
All Pollution (Boiler & DG Set) Water Pollution (Process, Utilities, Domestic) Noise Pollution Hazardous Waste Budgetary (Capital O&M 51	Adequate Adequate Sent to au allocation cost and cost): .Enviro Attril	CPCB Guide capacity of F Acoustic of thorised Reu D Capital cos O & M cost O & M cost D D D D D D D D D D D D D D D D D D D	ETP & dispos CETP enclosure, P se/ Recycle isposal st: cal Man Construc Parar	r ineasure as per vided sal of effluent to PE & CHWTSDF for Will be provide Will be provide Agement ction phase neter	Adequate Adequate Sent to au n EIA n EIA plan Bu (with Bre Total o	CPCB Guidelines is provided capacity of ETP & disposal of effluent to CETP Acoustic enclosure, PPE thorised Reuse/ Recycle & CHWTSDF for Disposal udgetary Allocation ak-up): Cost per annum (Rs. In Lacs)	

1	E	ETP pH, BC oil			COD, TSS, ETP - Rs.20,000.00 + 1,00,000 for neutrali Grease sent primary treated effluent at				for neutraliz effluent at C	ation facility to ETP		
			b) Operat	ion Pl	nas	e (wi	th Brea	k-up):		
Serial Number	Comp	onent		Descr	iption		Capi	ital cost Rs Lacs	s. In	Operational and Maintenance cost (Rs. in Lacs/yr)		
1	E	ТР		Effluent T Plant with 8.5	Treatmen Capacity m3	nt 7 of	ETP -	Rs.20,000. 1,00,000	00 +			
51.S	torage	of	che	micals	(infl	an	ıabl	e/expl	osiv	/e/ha	zardou	s/toxic
					sub	sta	nce	es)			1	
Descrij	ption	Statu	S	Location	Location		orage Dacity MT	Maximum Quantity of Storage at any point of time in MT	Cons / Mo	umption onth in MT	Source of Supply	Means of transportation
Ethylene	e oxide	Existin	ıg	within pla	nt		7.5	7.5		750	local market	by road truck/tankers
Di ethyler	le glycol	Existin	ıg	within pla	nt		10	10		31.5	local market	by road truck/tankers
Di ethyler	le glycol	Propos	ed	within pla	nt		10	10		31.5	local market	by road truck/tankers
	· · ·		!	52.A	ny Ot	her	Info	rmatior	1			
No Informa	tion Availab	le										
				53.	Traffi	сM	lana	gement				
		Nos. to th desig confl	of the e mai n of uence	e junction n road & e:	Not Ap	plica	ble					
		Number and area of basement:			Not Applicable							
		Number and area of podia:		Not Applicable								
		Total Parking area:		Not Applicable								
		Area	Area per car:		Not Applicable							
		Area	per c	ar:	Not Applicable							
Parking	details:	Whee appro comp autho	Number of 2- Wheelers as approved by competent authority:		Not Ap	plica	ble					
		Num Whee appro comp authe	Number of 4- Wheelers as approved by competent authority:		Not Ap	plica	ble					
		Publi	ic Tra	nsport:	Not Ap	plica	ble					
		Widt roads	h of a s (m):	ll Internal	6 mtr							
		CRZ/ obtai	RRZ n, if a	clearance my:	Not Ap	plica	ble					
obtain, if any: Abhay Pimparkar (Secretary SEAC-I) SEAC Meeting No			o: 205th otember	(Day- 7, 20	-1) Mee)21	eting Date:	Pa	ge 49 of 160 S.	ijay Kulkarn EAC-I)	kami i (Chairman		

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable as project is located in Taloja, MIDC Industrial Area.				
	Category as per schedule of EIA Notification sheet	er (A B, since plot is part of notified industrial area. heet				
	Court cases pending if any	No. Not Applicable				
	Other Relevant Informations	This Consolidated Statement is for TOR purpose.				
	Have you previously submitted Application online on MOEF Website.	Yes				
	Date of online submission	27-03-2018				
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS				
Environmental Impacts of the project	Not Applicable					
Water Budget	Not Applicable					
Waste Water Treatment	Not Applicable					
Drainage pattern of the project	Not Applicable					
Ground water parameters	Not Applicable					
Solid Waste Management	Not Applicable					
Air Quality & Noise Level issues	Not Applicable					
Energy Management	Not Applicable					
Traffic circulation system and risk assessment	Not Applicable					
Landscape Plan	Not Applicable					
Disaster management system and risk assessment	Not Applicable					
Socioeconomic impact assessment	Not Applicable					
Environmental Management Plan	Not Applicable					
Any other issues related to environmental sustainability	Not Applicable					
	Brief informa	tion of the project by SEAC				



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

During discusison it was noted that, PP has not amalgamated the pot No. H-5 and H-13, hence SEAC decided to defer the proposla till PP submits copies of amalgamation of both the plots.

DECISION OF SEAC

PP reamined absent during 205th meeting, hence deferred

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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



Agenda of 205th Meeting of State Level Expert Appraisal Committee-1 (SEAC-1)

SEAC Meeting number: 205th (Day-1) Meeting Date September 7, 2021

Subject: Environment Clearance for Environment Clearance for Opencast mining project of M/s. Royal Pottery Ceramics Industries proposed increase in production capacity from125000 TPA to 619030.4 TPA of Laterite. Survey No. 111 & 115, Area 33.03 Ha, at Village: Markagondi, Tahsil: Jiwati, District: Chandrapur, Maharashtra

Is a Violation Case: No					
1.Name of Project	Royal Pottery Ceramics Industries Laterite Mining Project at Markagondi				
2.Type of institution	Private				
3.Name of Project Proponent	Mr. Abdul Kadar Haji Abdul Subhan Bhai				
4.Name of Consultant	Sri Sai Manasa Nature Tech Private Limited				
5.Type of project	Mining Project				
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	Yes				
8.Location of the project	Survey Nos. 111 and 115				
9.Taluka	Jiwati				
10.Village	Markagondi				
Correspondence Name:	M/s. Royal Pottery Ceramics Industries				
Room Number:	1				
Floor:	Ground				
Building Name:	Royal Pottery Ceramics Industries				
Road/Street Name:	Mul Road				
Locality:	SBI Colony, Opposite Mount Carmel School,				
City:	Chandrapur-442401				
11.Whether in Corporation / Municipal / other area	Grampanchayat				
12 10D/004/0	Not Applicable				
Approval Number	IOD/IOA/Concession/Plan Approval Number: Not Applicable				
	Approved Built-up Area:				
13.Note on the initiated work (If applicable)	Annual Production of Laterite 125000 TPA				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable				
15.Total Plot Area (sq. m.)	33.03 Ha.				
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.):				
	Approved FSI area (sq. m.):				
DCR	Approved Non FSI area (sq. m.):				
	Date of Approval: 27-10-2018				
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	1500000				

22.Number of buildings & its configuration

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Serial number	Buildin	ıg Name & ı	number	Nu	umber of floors	Height of the building (Mtrs)
1	1	Not applicabl	е	1	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 o (Width of t from the n station to t proposed h	f way the road earest fire the puilding(s)	Not applica	ble			62
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	Not applica	ble			1 00 ¹¹
29.Existing structure	J (s) if any	Not applica	ble			
30.Details demolition disposal (I applicable	of the with f	Not applica	ble			
			31.P	Product	tion Details	
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)
1	Late	erite	10416.67 TF	7 (125000 PA)	41169.20 (419030.4 TPA)	51585.87 (619030.4 TPA)
		3	2.Tota	l Wate	r Requireme	nt
	S		V			



	Source of water Bore well, mine pit & nearby villages										
		Fresh water	(CMD):	5.6 KLD							
		Recycled wat Flushing (CM	er - ID):	Not applicat	ole						
		Recycled wat Gardening (C	er - CMD):	Not applicat	Not applicable						
		Swimming po make up (Cu	ool m):	Not applicat	ole						
Dry seasor	1:	Total Water Requirement :	: (CMD)	5.6 KLD							
		Fire fighting Underground tank(CMD):	- I water	Not applicat	ble						
		Fire fighting Overhead wa tank(CMD):	- ter	Not applicat	ble			0			
		Excess treate	ed water	Not applicat	ole						
		Source of wa	ter	Bore well, m	nine pit & near	by village	S				
		Fresh water	(CMD):	4.5 KLD							
		Recycled wat Flushing (CM	er - ID):	Not applicat	ole						
Recycled water Gardening (CM			er - CMD):	Not applicable							
		Swimming po make up (Cu	ool m):	Not applicable							
Wet seaso	n:	Total Water Requirement :	: (CMD)	4.5 KLD							
		Fire fighting - Underground water tank(CMD):		Not applicable							
		Fire fighting Overhead wa tank(CMD):	ter	Not applicable							
		Excess treate	d water	Not applicab	ole						
Details of pool (If an	Swimming y)	Not applicable	<u>,</u>								
		33	.Detail	s of Tota	l water co	nsume	d				
Particula rs	Cons	umption (CM	D)	I	Loss (CMD)		Eff	fluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	0.5	0	0.5	0.5	0	0.5	Nil	Nil	Nil		
Gardening	2.5	0	2.5	2.5	0	2.5	Nil	Nil	Nil		
Fresh water requireme nt	2.6	0	2.6	2.6	0	2.6	Nil	Nil	Nil		

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	Level of the Ground water table:	4.6 m to 10.51 m bgl in pre-monsoon season
	Size and no of RWH tank(s) and Quantity:	Garland drain of 0.5 m depth all along the mine excavating area
	Location of the RWH tank(s):	East and South boundary of mining lease area
34.Rain Water Harvesting	Quantity of recharge pits:	1 Garland drain of 0.5 m depth all along the mine excavating area
(RWH)	Size of recharge pits :	0.5 m depth all along mine excavating area
	Budgetary allocation (Capital cost) :	Rs. 100000
	Budgetary allocation (O & M cost) :	Rs. 20000
	Details of UGT tanks if any :	Not Applicable
35.Storm water	Natural water drainage pattern:	Not Applicable. However, the storm water due to rainfall will be channelized to the natural water courses like gullies and depression through appropriate drainage system with check bunds.
drainage	Quantity of storm water:	Rainfall runoff
	Size of SWD:	Not Applicable
	Sewage generation in KLD:	Nil
	STP technology:	Not Applicable
Sewage and	Capacity of STP (CMD):	Not Applicable
Waste water	Location & area of the STP:	Not Applicable
	Budgetary allocation (Capital cost):	Not Applicable
	Budgetary allocation (O & M cost):	Not Applicable
	36.Solie	d waste Management
Waste generation in	Waste generation:	Not Applicable
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Not Applicable
	Dry waste:	15,500 cum upto conceptual period
	Wet waste:	Not Applicable
Waste generation	Hazardous waste:	Not Applicable
in the operation Phase:	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Not Applicable
	Others if any:	Not Applicable



		Dry waste:		Top soil will be used for plantation and waste materials will be on non-mineral area					terials will be dumped		
		Wet waste		No	ot Applica	ble					
Mode of	Dienocal	Hazardous	waste:	No	ot Applica	ble					
of waste:		Biomedica applicable	l waste ():	(If No	Not Applicable						
		STP Sludge (Dry sludge):		No	Not Applicable						
		Others if a	ny:	Not Applicable							
		Location(s):	On	non mine	eralized are	a within the	mining lease			
Area requirem	ent:	Area for th of waste & material:	e storag other	je 153	15160 sqm						
		Area for m	achinery	y: No	ot Applica	ble			GV		
Budgetary	allocation	Capital cos	st:	No	ot Applica	ble					
O&M cost)	st and	O & M cos	t:	No	ot Applica	ble			Y		
			37.	Efflu	ient Ch	narecter	estics				
Serial Number	Paran	neters	Unit		Inlet E	ffluent erestics	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)		
1	Not Ap	plicable	Not Applicat	ble	Not App	plicable	Not Ap	plicable	Not Applicable		
Amount of e (CMD):	effluent gene	eration	Nil								
Capacity of	the ETP:		Not App	licable							
Amount of t recycled :	reated efflue	ent	Not App	licable							
Amount of v	vater send to	o the CETP:	Not App	licable							
Membershi	p of CETP (if	require):	Not App	licable							
Note on ET	P technology	to be used	Not App	ot Applicable							
Disposal of	the ETP slud	lge	Not App	licable	pable						
			38.1	Haza	rdous	Waste D	etails				
Serial Number	Descr	iption	Cat	1	UOM	Existing	Proposed	Total	Method of Disposal		
1	No	one	Not Applicab	ole Ap	Not plicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable		
			39.	.Stac	ks emi	ission D	etails				
Serial Number	Section	& units	Fuel Q	Used v Juantit	with y	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	Not Apj	plicable	Not	Applica	able	Not Applicable	Not Applicable	Not Applicable	Not Applicable		
			40. I	Detai	ils of F	uel to b	e used				
Serial Number	Тур	e of Fuel			Existing		Prop	osed	Total		
1		Diesel		40	0 lit./mor	nth	1500 lit	./month	1900 lit./month		
41.Source of Fuel Open				pen Ma	Market						

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42.Mode of Transportation of fuel to site Most vehicles will come with filled diesel tank and site vehicles will be used brought up diesel.									
		Total RG a	rea :	3409.47	3409.47				
		No of trees	s to be cut	Nil	Nil				
43.Gree	n Belt	Number of be planted	f trees to	1500					
Develop	ment	List of pro native tree	posed es :	Kaju, Moh, Karanj etc.	Neem, Teak,	Behada, An	nla, Peru, Sitaphal, Kavath, Kadamb,		
		Timeline for completion of plantation :		Up to conce	Jp to conceptual period				
	44.Nu	mber and	l list of t	rees spe	cies to b	e plante	d in the ground		
Serial Number	Name of	the plant	Commo	n Name	Quar	ntity	Characteristics & ecological importance		
1	Anaca Occid	nrdium entale	Ka	aju	800		Tropical evergreen fruit bearing tree arrest dust & suppress noise pollution		
2	Madhuc	a indica	indica M		5	0	Created to intercept dust, gaseous pollutants and noise and Fruits		
3	Azadiracl	hta indica	Ne	em	20	00	Created to intercept dust, gaseous pollutants and noise		
4	Tectona	grandis	Si	ag	10	00	Created to intercept dust, gaseous pollutants and noise to be used for timber		
5	Cassia	fistula	Beh	iada	5	0	Created to intercept dust, gaseous pollutants and noise		
6	Psidium	guajava	Pe	eru	50		Created to intercept dust, gaseous pollutants and noise and Fruits		
7	Emblica	officinalis	Ar	nla	50		Created to intercept dust, gaseous pollutants and noise and Fruits		
8	Neolan Cada	narckia amba	Kad	amb	10)0	Created to intercept dust, gaseous pollutants and noise and Fruits		
9	Millettia	Pinnata	Кал	ranj	10	00	Created to intercept dust, gaseous pollutants and noise and Fruits		
45	i.Total qua	ntity of plan	nts on grou	nd					
46.Num	nber and	list of sl	nrubs an	d bushes	s species	to be pl	anted in the podium RG:		
Serial Number		Name		C/C Dista	nce		Area m2		
1	Not	Applicable		Not Applic	able		Not Applicable		
47.Energy									



		Source of p supply :	power	Maharashtr	ra State	e Power Distributi	on Company Limited		
		During Con Phase: (De Load)	nstruction emand	Not Applica	ıble				
		DG set as back-up du construction	Power 1ring on phase	No					
		During Op phase (Cor load):	eration mected	Commercia	Commercial connection				
require	ement:	During Op phase (Der load):	eration nand	Commercia	Commercial connection				
		Transform	er:	No			C.V		
		DG set as 1 back-up du operation	Power ıring phase:	No			A		
		Fuel used:		Not Applica	ble				
		Details of I tension lin through th any:	high le passing le plot if	No	No				
	48.Energy saving by non-conventional method:								
It is propose	ed to install	5 Solar Light	t poles withi	n mining leas	se area	to saving energy	by non-conventional method.		
		4	9.Detail	calculati	ons	& % of savin	g:		
Serial Number	E	nergy Cons	ervation M	easures Saving %			Saving %		
1		Sc	olar light		5 lamps				
		50	.Details	of pollut	ion c	ontrol Syste	ms		
Source	Ex	isting pollu	tion contro	ol system		Pro	posed to be installed		
Vehicular Dust	V	Vater sprinkl	ing by water	r tanker		Water	sprinkling by water tanker		
Budgetary	allocation	Capital cos	st:	40000					
0&M	cost):	O & M cos	t:	5000					
51	.Enviro	onment	al Mar	nageme	ent j	olan Budg	etary Allocation		
		a)	Construe	c <mark>tion ph</mark> a	ise (1	with Break-u	ı p):		
Serial Number	Attri	butes	Para	meter Total Cost per annum (Rs. In Lacs)					
1	Not Ap	plicable	Not Ap	plicable		Ν	Jot Applicable		
		b) Operat	ion Phas	e (wi	th Break-up):		
Serial Number	Comp	onent	Descr	iption	Сар	ital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Air Polluti	on Control	Dust Sup	opression		725000	200000		



2	Water Pollution ControlDesilting Tanks, garland drain, Boulder Check plug, Septic Tanks/Soak Pits, Mine water sedimentation pond & pumps			lder tic fine ion		100000		5000	0
3	Pollution	n Monitoring	Air, Water & Noi level monitoring	.se g		Nil		6200	0
4	Pla /Recl	ntation lamation	Biological reclama Plantation, Reclamation (Dur	tion, np)		83000		5000	0
5	5 Occupational Health		Fire Fighting Equipments (portable), Person protection equipment (goggles, gloves helmets, dust ma safety boots)	nel ents s, sk,	el its 12000			10000	
51.S	51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)								
Descri	ption	Status	Stora Location Capac in M		orage pacity 1 MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
No	ne	Not Applicable	Not Applicable	l App	Not licable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
			52.Any Ot	ther	Info	rmation	1		
No Informa	tion Availa	ble							
	53.Traffic Management								
	Nos. of the junction to the main road & design of confluence:								
	SIL								



	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):	Not Applicable					
	CRZ/ RRZ clearance obtain, if any:	Not Applicable					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable					
	Category as per schedule of EIA Notification sheet	Not Applicable					
	Court cases pending if any	No					
	Other Relevant Informations	-					
	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	PP submitted EIA report the report. PP has condu- per EIA Notification, 20 EIA report environment	t to the committee. Various aspo- ucted base line data collection f 06 amended from time to time. al parameters are found within	ects of the Environment are discussed i for Air, Water, Soil & Noise parameters As per data submitted by the PP in the the prescribed limits at site	n as			
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	Not Applicable						
Drainage pattern of the project	During rainy season, PP water in the mine pit.	During rainy season, PP to provide adequate storm water drains to prevent entry of the rain water in the mine pit.					
Ground water parameters	Not Applicable						

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Air Quality & Noise	area which will be biologically stabilized.
Level issues	As per data submitted by PP Air Quality and noise parameters are within the prescribed limits at project site.
Energy Management	Solar lights will be used for illumination on site.
Traffic circulation system and risk assessment	PP provided internal roads of six meters width for smooth circulation of traffic.
Landscape Plan	The proposed mine area will be converted into green belt after completion of mining activity as per approved closure plan.
Disaster management system and risk assessment	PP prepared DMP
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.
Environmental Management Plan	The capital EMP cost is Rs. 53.65 Lakhs and recurring EMP cost is Rs. 9.65 Lakhs/Yr.
Any other issues related to environmental sustainability	Not Applicable
	Brief information of the project by SEAC



PP submitted their application for the grant for the grant of ToR for their expansion activity under category 1(a)B1 as per EIA Notification, 2006.

The proposal was considered in the 170th meeting of SEAC-1 wherein the proposal was deferred till submission of District Survey Reprot.

Now PP submitted compliance.

The proposal is for expansion of laterite mining from 125000 TPA to 619030 TPA on an area of 33.03 Ha. The mining will be open mining with use of semimechanised equipments. Mining leas is valid till 18.07.2033.

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

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

The	validity of th	e TOR v	vill be fo	r three	years	as pei	COM	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.

Earlier EC No 000000460 dated 28.09.2018; PP submitted copy of certified compliance of earlier EC vide letter dated 25.09.2020 wherein no major non-compliance is observed by the Authority.



DECISION OF SEAC

SHAGHINDAGOOOD



Representative of PP was present during the meeting along with Accredited Environmental consultant M/s. Sri Sai Mansa Nature Tech Pvt. Ltd.

Total mine lese area is 33.03 Ha. The project proponent is proposed to increase the production capacity of Laterite mining from 125000 TPA to 619030.40 TPA.

PP has been granted mine lease for Laterite over an Extent of 33.03 hectares for a period of 30 years by Industries, Energy and Labour Department, Govt. of Maharashtra vide ref. no.: MMN-2702/395/IND-9 Dated: 21/03/2003. i.e.; valid from 19/07/2003 to 18/07/2033.

The mining plan for the lease area was approved by the Director of Geology and Mining, Nagpur on Dated: 25/05/2004. Subsequently, scheme of Mining was approved by the Director of Geology and Mining, Nagpur vide his letter no.: STC/852/2015-16/1561 Dated: 03/08/2009 valid till 31/03/2013.

Latest mining plan is scrutinized and approved by Director, Directorate of Geology & Mining, Govt. of Maharashtra, Nagpur vide Ref No.: STC/446/2016-17/2030 Dated: 03/08/2018.

PP was granted ToR in 178th meeting of SEAC-1 held on 18.02.2020. Now PP submitted EIA/EMP report.

The Public Hearing was conducted on 03.11.2020; PP submitted minutes of Public Hearing.

The proposal was appraised based on the documents submitted and presented by the PP and their accredited Environmental Consultant.

The capital EMP cost is Rs. 53.65 Lakhs and recurring EMP cost is Rs. 9.65 Lakhs/Yr.

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

Specific Conditions by SEAC:

1) PP to ensure no blasting activities are carried out in the 200 mtr. of distance from the nearest road.

2) PP to ensure compliance of issues raised during Public Hearing along with financial provisions and time lines for its compliance.3) PP to ensure to utilize CER fund before the commissioning of the manufacturing activity in consultation with the District Collector.4) PP to complete green belt development with the provision of drip irrigation before the commissioning of the manufacturing activity.

FINAL RECOMMENDATION



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

SHACAAGEMAA



Ager	nda of 20	5th Meet	ing of Sta	nte Level Expert Appraisal	Committee-1 (SEAC-1)				
	SEAC	Meeting	number: 2	205th (Day-1) Meeting Date S	September 7, 2021				
Subject: Er	vironment (Clearance for	Environmer	ntal Clearance for - : Industrial Proj	ect				
Is a Violation Case: No									
General I Pune- 411	nformatio 008,	on: Venue:	CSIR- Nati	ional Chemical Laboratory (NO	CL)Guesthouse, Pashan Road,				
1.Name of P	roject		M/s. Sant Gya	/s. Sant Gyaneshwar Steel Pvt. Ltd.					
2.Type of ins	titution		Private						
3.Name of P	roject Propo	nent	Mr. Vinod Ve	dprakash Goyal					
4.Name of C	onsultant		S G M Enviro	(I) Pvt. Ltd., Pune.					
5.Type of pro	oject		Industrial Est	ate					
6.New project project/mode in existing p	ct/expansion ernization/di roject	in existing versification	Expansion in	existing project	6				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project					OA				
8.Location o	f the project		Gat No. 1076	/77, Golegaon Road					
9.Taluka			Khed						
10.Village			Markal						
11.Whether Municipal /	in Corporation Other area	on /	Located in Industrial zone						
12 100/104/	0		Zonal Certificate has been received.						
Approval Nu	mber	lan	IOD/IOA/Con	ncession/Plan Approval Number: NA					
			Approved Built-up Area: 1616.94						
13.Note on the initiated work (If applicable) NA									
14.LOI / NOO Other approv	C / IOD from vals (If appli	MHADA/ cable)	NA						
15.Total Plot	t Area (sq. m	.)	15700 Sq.m.						
16.Deduction	ns		Not applicabl	e					
17.Net Plot a	area		Not applicabl	e					
10 (a) Data a		Amer (ECL C	a) FSI area (sq. m.): Not applicable						
Non-FSI)	sea Buiit-up	Area (FSI &	b) Non FSI a	rea (sq. m.): Not applicable					
			c) Total BUA	area (sq. m.): 1616.94					
10 (1) 4			Approved FS	SI area (sq. m.):					
18 (b).Appro DCR	ved Built up	area as per	Approved No	on FSI area (sq. m.):					
			Date of Appr	roval:					
19.Total gro	und coverage	e (m2)	Not applicable						
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)			Not applicable						
21.Estimated cost of the project 312500000									
	2	2.Num	ber of k	ouildings & its conf	iguration				
Serial number	Buildin	g Name & 1	number	Number of floors	Height of the building (Mtrs)				
1	N	lot applicabl	e	Not applicable	Not applicable				
23.Number tenants an	r of d shops	Not applica	ble						



24.Number expected re users	r of esidents /	Not applica	lot applicable					
25.Tenant per hectar	density e	Not applica	ot applicable					
26.Height building(s)	of the							
27.Right of (Width of t from the n station to t proposed b	f way he road earest fire he wilding(s)	12m	2m					
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation					462			
29.Existing structure (J s) if any	Yes. Expans	sion of the E	xisting proje	et.			
30.Details demolition disposal (I applicable)	Details of the colition with cosal (If licable)							
			31. P	roduct	ion Details			
Serial Number	Pro	duct	uct Existing (MT/M) Proposed (MT/M) Total (MT/M)					
1	MS I	ngots	360	000	1,20,000	1,56,000		
2	Runne	er riser	72	20	0	720		
		3	2.Tota	l Wate	r <mark>Requireme</mark>	ent		
		Source of	water	Tanker				
		Fresh wate	er (CMD):	53.2				
		Recycled v Flushing (vater - CMD):	0				
		Recycled v Gardening	vater - (CMD):	0				
		Swimming make up (pool Cum):	0				
Dry season:		Total Wate Requireme :	er ent (CMD)	61.7 (Existing) + 53.2 (Expansion)=114.9				
		Fire fightin Undergrou tank(CMD	ng - Ind water):	Ground leve	el water tank - 20			
		Fire fightin Overhead tank(CMD	ng - water):	90				
		Excess trea	Excess treated water 0					



		Source of wa	ter	Tanker							
		Fresh water	(CMD):	53.2							
		Recycled wat Flushing (CM	er - ID):	0	0						
Recycled water - Gardening (CMD):				0							
		Swimming po make up (Cu	ool m):	0							
Wet season: Total Water Requirement (CMD) :				61.7 (Existin	ng) + 53.2 (Exp	ansion)=	114.9				
		Fire fighting Underground tank(CMD):	- l water	Ground leve	l water tank - 2	20		<u>_</u>			
		Fire fighting Overhead wa tank(CMD):	- ter	90				0			
		Excess treate	ed water	0				*			
Details of Swimp pool (If any)	ming	Not applicable	;	-		C					
33.Details of Total water consumed											
Particula rs	Cons	umption (CM	D)	Loss (CMD)			Effluent (CMD)				
Water Require Exis ment	sting	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic 1	2	1.9	3.1	0.2	0.2	0.4	1	1.7	2.7		
Industrial Process	0	0	0	0	0	0	0	0	0		
Cooling tower & thermopa ck	50	50	110	60	50	110	0	0	0		
Gardening 0).5	1.3	1.8	0.5	1.3	1.8	0	0	0		
		Level of the (water table:	Ground	80-90 m							
		Size and no o tank(s) and Quantity:	of RWH	The rainwater harvesting structure will be decided during detailed engineering of the project.							
G		Location of t tank(s):	he RWH	NA							
34.Rain Water Quantity of recharge pits:			The rainwater harvesting structure will be decided during detailed engineering of the project.								
(RWH) Size of recharge pits			NA								
Budgetary allocation (Capital cost) :			5								
		Budgetary al (O & M cost)	location :	2							
		Details of UG if any :	T tanks	UGT tank of	capacity-100 (CMD					

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	Natural water drainage pattern:	North West to South East				
35.Storm water drainage	Quantity of storm water:	10 Cum/sec				
	Size of SWD:	300 x 300 mm				
	Sewage generation in KLD:	Existing 1 CMD +Proposed 1.7 CMD Total=2.7CMD				
	STP technology:	Domestic effluent generated will be sent to Septic Tanks followed by soak pits.				
Sewage and	Capacity of STP (CMD):	NA				
Waste water	Location & area of the STP:	On ground				
	Budgetary allocation (Capital cost):	NA				
	Budgetary allocation (O & M cost):	NA				
	36.Soli	d waste Management				
Waste generation in	Waste generation:	Negligible amount of waste will get generated				
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Waste shall be sent to authorized dealer.				
	Dry waste:	Scrap : Existing - 120 MT/Annum, Proposed : 360 MT/ Annum, Total - 480 MT/Annum Slag : Existing - 1200 MT/Annum, Proposed : 8400 MT Annum, Total - 9600 MT/Annum				
TAT	Wet waste:	NA				
Waste generation	Hazardous waste:	NA				
Phase:	Biomedical waste (If applicable):	NA				
	STP Sludge (Dry sludge):	NA				
	Others if any:	NA				
	Dry waste:	Scrap: Reused in process. Slag : Sale to authorized vendor				
	Wet waste:	NA				
	Hazardous waste:	NA				
Mode of Disposal of waste:	Biomedical waste (If applicable):	NA				
	STP Sludge (Dry sludge):	NA				
	Others if any:	NA				
	Location(s):	NA				
Area requirement:	Area for the storage of waste & other material:	NA				
	Area for machinery:	NA				
Budgetary allocation	Capital cost:	NA				
O&M cost):	0 & M cost:	NA				

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37.Effluent Charecterestics											
Serial Number	Parameters		Ur	nit	Inlet Efflue Charecteres		it .cs	Outlet Effluent Charecterestics		nt cs	Effluent discharge standards (MPCB)
1	NA		N	A	NA		NA			NA	
Amount of effluent generation (CMD):			Nil								
Capacity of	the ETP:		NA								
Amount of treated effluent recycled :			NA								
Amount of water send to the CETP:			NA								
Membership of CETP (if require):			NA								
Note on ETP technology to be used			NA								
Disposal of	the ETP sluc	lge	NA								
			3	8.H a	zardous	Was	ste D	etails			
Serial Number	Description		Ca	at	UOM	Exis	ting	Proposed	Tot	al	Method of Disposal
1	NA		NA NA		Ν	А	NA	NA		NA	
			3	19.St	acks em	issio	n D	etails			
Serial Number	Section	Section & units		Fuel Used with Quantity		Stacl	۲No.	Height from ground level (m)	Inter diam (m	rnal eter 1)	Temp. of Exhaust Gases
1	Existing Furi	Electric nace	Electricity			1 -Exi sta	isting ick	30	0.8	3	120
2	Existing D.G. Set		LDO		2 -Exi sta	isting ick	2.0 m above root	0.1	5	70	
3	proposed Electric Furnace		Electricity		3 prop sta	- osed .ck	30	1.2	2	120	
4	Proposed D.G. Set		LDO		4 Prop sta	osed lock	2.0 m above roo:	0.1	5	70	
40.Details of Fuel to be used											
Serial Number	Type of Fuel		Existing			Proposed				Total	
1		LDO	6 lit/hr 6 lit/hr 12 lit/hr					12 lit/hr			
41.Source of Fuel			Local vendor								
42.Mode of	Transportat	ion of fuel to	site	By ro	ad						
		1			[
Total RG a			area : Existing- 3699.48 m2 , Proposed- 1894.27 m2 , Total= 5593.75 m2								
43.Green Belt Development List of p native t Timelin comple plantati		No of tree	es to be cut		cut _{NA}						
		Number of be planted	of trees to d :		Existing trees= 429 Nos						
		List of pro native tree	posed es :		Industry have already planted adequate no. of trees. List of all the Existing trees with their quantities is given below.						
		Timeline f completion plantation	or n of :		Industry have already planted adequate no. of trees						

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44.Number and list of trees species to be planted in the ground						
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance		
1	Platycladus orientalis	Morpankhi	1	They are widely grown as ornamental trees, and extensively used for hedges		
2	Ficus racemosa	Umbar	1	For people whose skin is especially sensitive to insect bites, this is a very simple home remedy.		
3	Combretum indicum	Boganbel	50	The flowers change in color with age and it is thought that this is a strategy to gather more pollinators.		
4	Other	NA 25		NA		
5	Mangifera Indica	Mango	6	Deep route, Evergreen		
6	Ficus benghalensis	Banyan	5	Native to the Indian Subcontinent.		
7	Delonix regia	Gulmohar	3	Quick growing		
8	Leucaena leucocephala	Subabhul	153	Evergreen		
9	Polyalthia longifolia	Ashoka	8	Lofty evergreen tree, native to India, commonly planted due to its effectiveness in alleviating noise pollution.		
10	Bauhinia racemosa	Apta	3	Flowering shrub, Native to India.		
11	Azadirachta indica	Neem	30	Fast growing		
12	Vachellia nilotica	Babhul	4	Slow growing, long lived		
13	Hyophorbe lagenicaulis	Bottle palm	18	bottle shaped trunk		
14	Phyllanthus emblica	Awla	1	Gives edible fruit		
15	Senegalia catechu	Khair	3	deciduous and has short hooked spines		
16	Ixora coccinea	Jangli	4	used in warm climates for hedges and screens, foundation plantings, massed in flowering beds		
17	Terminalia catappa	Amond Tree	1	large tropical tree, provides fruit with edible seed		
18	Ziziphus jujuba	Bor	3	Evergreen shrub		
19	Tamarindus indica	Chinch	1	edible fruit		
20	Cocos nucifera	Nariyal	10	Inside it contains one seed, rich in reserve substances located in the endosperm which is partly liquid (coconut milk), partly solid (flesh).		
21	Manilkara zapota	Chiku	5	An unripe fruit has a firm outer skin and when picked, releases white chicle from its stem. A fully ripened fruit has saggy skin and does not release chicle when picked.		
22	Citrus Limonum	Limbu	4	The juice of the lemon is about 5% to 6% citric acid, which gives a sour taste.		
23	Citrus limetta	Mosambi	1	Fruits are oval and green, ripening to yellow, with greenish pulp.		

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24	Plumeria obtusa Chapha		8	This plant is commonly used as an ornamental, grown for its flowers.			
25	Moringa oleifera	Shewga	40	It can also be used for water purification and hand washing, and is sometimes used in herbal medicine.			
26	Punica granatum	Dalimb	2	As intact arils or juice, pomegranates are used in baking, cooking, juice blends, meal garnishes, smoothies, and alcoholic beverages, such as cocktails and wine.			
27	Rosa Damascena	Gulab	30	The flowers are renowned for their fine fragrance, and are commercially harvested for rose oil used in perfumery and to make rose water and "rose concrete". The flower petals are also edible. They may be used to flavor food, as a garnish, as an herbal tea, and preserved in sugar as gulkand.			
28	Murraya koenigii	urraya koenigii Kadipatta		Most commonly used in curries, leaves from the curry tree can be used in many other dishes to add flavor			
29	Aegle marmelos	Bel		Its fruits are used in traditional medicine and as a food throughout its range.			
30	Hibiscus Jaswand		7	Evergreen shrub The flower is additionally used in hair care as a preparation.			
45	45.Total quantity of plants on ground						
46.Nun	nber and list of sl	hrubs and bushes	s species to be p	lanted in the podium RG:			
Serial Number	Name	C/C Dista	ince	Area m2			
1	NA	NA		NA			
47.Energy							
SUR							


		Source of p supply :	power	MSEDCL				
		During Cor Phase: (De Load)	nstruction mand	NA				
		DG set as Power back-up during construction phase		NA				
		During Op phase (Cor load):	eration inected	Existing Cor KVA,Total-1	nnecte 4990 i	ed Load -4990 KVA, Proposed Connected Load -10,000 KVA		
Powe: requirem	er nent:	During Op phase (Der load):	eration nand	Existing Ma 10,000KVA,	ximun Total	n Demand -4990KVA, Proposed Maximum Demand - - 14990 KVA		
		Transform	er:	Existing (2 M 12000 KVA	Nos) o	f capacities 6250KVA & 750KVA, Proposed (1 No) of		
		DG set as I back-up du operation j	Power Iring phase:	Existing- 1 r	Existing- 1 no. of 250 KVA, Proposed 1 no. of 250 KVA			
		Fuel used:		LDO				
		Details of l tension lin through th any:	high e passing e plot if	NA				
		48.Ene	rgy savi	ng by nor	1-CO	nventional method:		
Use of Solar Er	nerav		00	J				
		49	9.Detail	calculati	ons	& % of saving:		
Serial								
Number	E)	nergy Conso	ervation Me	easures	Saving %			
1		Use of	Solar Energ	y NA				
		50.	Details	of polluti	on c	control Systems		
Source	Ex	isting pollu	tion contro	l system		Proposed to be installed		
Water		Septic ta	ank & soak F	Pit		Septic tank & soak Pit		
Air Pr	roper stac	k height is p system wit	rovided with h Dust Colle	n Fume Extra ector	ction	Proper stack height with Fume extraction system & dust collector will be provided		
Noise		Acousti	c enclosures	5.		Acoustic enclosures.		
Solid Waste		Separate	e Storage Ar	ea		Separate Storage Area		
Budgetary all	location	Capital cos	st:	10				
(Capital cos O&M cos	st and st):	O & M cost	t:	2				
51.E	onment	al Mar	nageme	nt j	plan Budgetary Allocation			
	a) (Construc	ction pha	se (v	with Break-up):			
Serial Attributes Parar				meter		Total Cost per annum (Rs. In Lacs)		
Environment 1 Monitoring and Management			N	ÍA		1		
		b) Operat	ion Phase	e (w	ith Break-up):		



Serial Number	Com	ponent	Description			Capital cost Rs. In Lacs Op			tional and ost (Rs. in	Maintenance Lacs/yr)
1	Air F	Pollution	Air Pollution Co measures such provision of Sta other APC meas	Air Pollution Control measures such as provision of Stack & other APC measures		70		15		
2	Water	Pollution	septic tank & so		NA			NA		
3	Noise	Pollution	Noise Pollution Control measures as Acoustic enclosures& Earmuff, Earplug if required		2		0.50			
4	Envi: Monit Mana	ronment oring and agement	Environmen Monitoring a: Managemen	t nd .t		-			1	
5	Occupat	ional Health	Occupational He Safety measur	alth & res		5			1.5	
6	6 Green Belt		Green Belt Development		5		2			
7	Rair	n Water	Rain Water Harvesting		5			0.5		
8	8 Solid waste		Solid waste management		2			0.5		
9	Energy C	Conservation	Use of Solar Energy			10			2	
51.S	torag	e of che	emicals (in su	flan bsta	nabl ance	e/expl es)	osiv	/e/haz	zardou	s/toxic
Descri	Description Status		Location St Ca		orage pacity MT	Maximum Quantity of Storage at any point of time in MT	Cons / M	umption onth in MT	Source of Supply	Means of transportation
NA NA		NA		NA	NA		NA	NA	NA	
			52.Any (Other	Info	rmation	1			
No Informa	tion Availa	ble								
		C !	53.Traf	fic M	Iana	gement				
Nos. of the junction to the main road & design of confluence:										



	Number and area of basement:	NA	
	Number and area of podia:	NA	
	Total Parking area:	2360.28	
	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:	NA	62
	Public Transport:	Nearest Road=Alandi-M	larkal Road at 0.95 Km
	Width of all Internal roads (m):	internal roads of 9 m &	15 m as per requirement
	CRZ/ RRZ clearance obtain, if any:	NA	
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA	
	Category as per schedule of EIA Notification sheet	3 (a)	
	Court cases pending if any	NA	
	Other Relevant Informations	NA	
	Have you previously submitted Application online on MOEF Website.	Yes	
	Date of online submission	01-01-1900	
	TOR S	Suggested Cha	anges
Consolidated Statement Point Number	Original	Remarks	Submitted Changes
31	Product Nam	e- MS Ingots	Product Name- MS Ingots & Billets
31	Unit of Production Quan	ntity is written as MT/M	Actual Unit of Production Quantity is MT/A
SEAC	DISCUSSION	ON ENVIRON	MENTAL ASPECTS
Environmental Impacts of the project	Not Applicable		
Water Budget	Not Applicable		

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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 3(a)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 the 139th meeting of SEAC-1 held on 30.06.2017 wherein ToR was grnated to the PP for the preparation of EIA/EMP reprot.

Public hearing is applicable.

PP submitted letter dated 17.05.2019 requesting to include product "Billets" along with the "Ingots" in Sr. No. 33 of the Consolidated Statement. The production quantity will not be changed.

After deliberations with the PP , their accredited consultant and understanding the difference between the Ingots and Billets, SEAC-1 decided to allow PP to correct the CS as requested vide letetr dated 17.05.2019.

Representative of PP was present during the meeting along with Accredited Environmental consultant M/s. SGM Environ (I) Pvt. Ltd.

PP obtained ToR in 139th meeting of SEAC-1 held on 30.06.2017. After submission of EIA/EMP report the propsola was considered in the 168th meeting of SEAC-1 held on 26.08.2019 wherein the proposal was deferred for want of additional information.

Now PP submitted additional information.

The proposal was appraised under category 3(a)B1 based on the information/documents presented by the PP and DMO, Pune

During deliberations, it was observed that, EIA report does not meet the EIA Notification, 2006 requirements regarding EIA team, certificates required etc. EIA coordinator was also absent for the meeting.



DECISION OF SEAC

After deliberations with the PP and consultant, SEAC decided to defer the proposal till submission of revised EIA /EMP report fulfilling the requirements of EIA Notification 2006 as amended from time to time. PP to ensure that, the EIA coordinator must be present during next meeting.

Specific Conditions by SEAC:

1) PP to submit year wise details of products manufactured with their names from the existence of the manufacturing facility, quantities, effluent generation etc. PP also to submit copies of earlier consent copies obtained from Maharashtra Pollution Control Board.

2) PP proposes water supply by tankers; PP to submit their plan for sustained water supply.

3) PP to submit design details of cooling tower including blow down quantity of water.

4) PP to provide sewage treatment plant for the treatment of domestic sewage.

5) PP to submit details of rain water harvesting plan in the EIA report.

6) PP to collect water sample from upstream and downstream of the Indrayani river and include the same in EIA report.

7) PP to include heavy metal parameters in the soil sample and submit analysis report.

8) PP to submit stability certificate of the earlier buildings.

 ${\bf 9)} \ {\rm PP}$ to ensure 33% green coverage within the plant premises.

10) PP to submit Disaster Management Plan along with EIA report.

11) PP to submit layout plan showing internal road width of six meters and turning radius nine meters, location of ETP, DG sets etc.

FINAL RECOMMENDATION

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



Agenda of 205th Meeting of State Level Expert Appraisal Committee-1 (SEAC-1)

SEAC Meeting number: 205th (Day-1) Meeting Date September 7, 2021

Subject: Environment Clearance for Proposed Expansion of Co-generation Plant from 19MW to 29MW at M/s Bhimashankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, A/P Pargaon Via Awasari Bk., Tal. Ambegaon, Dist. Pune – 412406

Is a Violation Case: No

1.Name of Project	Proposed Expansion of Co-generation Plant from 19MW to 29MW at M/s Bhimashankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, A/P Pargaon Via Awasari Bk., Tal. Ambegaon, Dist. Pune – 412406							
2.Type of institution	Private							
3.Name of Project Proponent	M/s Bhimashankar Sahakari Sakhar Karkhana Ltd.							
4.Name of Consultant	M/s Ultra-Tech (Environmental Consultancy & Laboratory)							
5.Type of project	NA							
6.New project/expansion in existing project/modernization/diversification in existing project	n Expansion							
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC obtained for vide Letter "SEAC-2011/CR-755/TC2" dated 30th June 2012.							
8.Location of the project	S.no 148, 202,206,207,208,210,213,214,219,220							
9.Taluka	Ambegaon							
10.Village	A/P Pargaon Tarfe Awasari Bk							
Correspondence Name:	Mr. Chandrakant Gangadhar Dhage (Managing Director)							
Room Number:	-							
Floor:								
Building Name:	Administrative Office							
Road/Street Name:	Manchar-Shirur Road							
Locality:	Dattatrayanagar,							
City:	Village –A/P Pargaon Tarfe Awasari Bk							
11.Whether in Corporation / Municipal / other area	Grampanchyat- Pargaon Tarfe Awasari Bk.							
	Non agricultural permission							
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Land NA (industrial) S.no 148, 202,206,207,208,210,213,214,219,220							
	Approved Built-up Area:							
13.Note on the initiated work (If applicable)	NA							
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	L.I 675/SIA/IMO/2019 dated 12/04/2019							
15.Total Plot Area (sq. m.)	580000 Sq.m							
16.Deductions	NA							
17.Net Plot area	580000Sq.m							
	a) FSI area (sq. m.): NA							
Non-FSI)	b) Non FSI area (sq. m.): NA							
	c) Total BUA area (sq. m.):							
	Approved FSI area (sq. m.): NA							
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): NA							
	Date of Approval: 21-02-2000							
19.Total ground coverage (m2)	5341.5							
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	0.92							
21.Estimated cost of the project	414200000							
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	22.Number of buildings & its configuration									
Serial number	Buildin	g Name & r	number	Nu	mber of floor	rs	Height of the building (Mtrs)			
1		NA			NA		NA			
23.Number tenants an	r of d shops	Not applical	ble							
24.Number expected re users	r of esidents /	NA	NA							
25.Tenant per hectar	density e	NA								
26.Height building(s)	of the									
27.Right of (Width of t from the n station to t proposed h	f way che road earest fire the puilding(s)	NA					OAG			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation						306				
29.Existing structure (J s) if any	NA			N					
30.Details demolition disposal (I applicable)	of the with f	NA								
			31.P	roduct	ion Deta	ails				
Serial Number	Pro	duct	Existing	(MT/M)	Proposed ((MT/M)	Total (MT/M)			
1	Su	gar	180	000	0		18000			
2	Powe	r MW	1	9	10		29			
		3	2.Tota	l Wate	r Requi r	rement	<u>,</u>			
	SLA									



		Source of wa	ter	Ghod River								
		Fresh water	(CMD):	542.2								
		Recycled wa Flushing (CN	ter - 4D):	0								
		Recycled wat Gardening (ter - C MD):	0								
		Swimming p make up (Cu	ool m):	0								
Dry season:		Total Water Requiremen :	t (CMD)	542.2								
		Fire fighting Underground tank(CMD):	d water	0				<u>,</u> ,				
		Fire fighting Overhead wa tank(CMD):	iter	0				0				
Excess treated water				0				•				
Source of w			ter	Not applicat	ole							
		Fresh water	(CMD):	Not applicat	ole							
		Recycled water - Flushing (CMD):		Not applicable								
		Recycled water - Gardening (CMD):		Not applicable								
		Swimming p make up (Cu	ool m):	Not applicat	ole							
Wet seaso	n:	Total Water Requirement (CMD) : Fire fighting - Underground water tank(CMD):		Not applicable								
				Not applicable								
		Fire fighting Overhead wa tank(CMD):	iter	Not applicable								
		Excess treat	ed water	Not applicable								
Details of pool (If an	Swimming y)	Not applicable	e									
		33	.Detail	s of Tota	water co	nsumed	l					
Particula rs Consumption (CMD)]	Loss (CMD)		Eff	luent (CMD)					
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Industrial Process	325.20	169.20	494.40	130.80	63.60	194.40	194.40	105.6	300			
Cooling tower & thermopa ck	Cooling ower & 2416 2432 2448 ck 2432 2448		2400	2400	4800	16	32	48				



Fresh water requireme nt	341.2	20	1.20	542.20	130.80	63.60	194.40	210.40	137.60	348		
		Level wate	l of the r table:	Ground	5-10m BGL							
		Size and no of RWH tank(s) and Quantity:		2040m3 x 1 No								
		Loca tank	tion of t (s):	he RWH	near Guest ł	nouse						
34.Rain V Harvestir	Vater	Quan pits:	tity of r	recharge	20				0.			
(RWH)	ig	Size	of recha	rge pits	1m x 1m x 1	.5m			61			
		• Budg (Capi	etary al ital cost	llocation	20 lakh				Y			
		Budg	etary al M cost)	location :	2.5 lakh							
			ils of UC	GT tanks	NA							
		ii uiij	· ·									
		Natu drain	ral wate	er tern:	South to Nor	rth						
35.Storm water drainage Si		Quan wate	tity of s	storm	4.5 m3/min							
		Size	of SWD:	;	600 mm							
		Sewa in KI	ge gene .D:	eration	40							
		STP t	technol	ogy:	NA							
Sowago	and	Capa (CMI	city of S D):	STP	NA							
Waste w	allu vater	Location & area of the STP:			NA							
		Budgetary allocation (Capital cost):			NA							
		Budg (0 &	etary al M cost)	location :	NA							
	5		36	6.Soli	d waste	Manag	ement	;				
Waste gen	eration in	Wast	e gener	ation:	Not Any							
the Pre Co and Constr phase:	nstruction ruction	Dispo const debri	osal of t truction is:	he waste	Not Any							
		Dry v	vaste:		Ash 52.2TPE)						
		Wet	waste:		ETP sludge :	: 24 TP/M						
Waste go	neration	Haza	rdous w	aste:	Spent oil : 0	.55 MT /M						
in the op	eration	Biom appli	edical v cable):	vaste (If	NA							
1 HUGU:		STP sludg	Sludge (je):	(Dry	0.5 MT/D							
		Othe	rs if any	7.	NA							
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		Dry waste:		Ash will be sold to Brick Manufacturer							
		Wet waste	:	Composting	g and used as	s soil conditi	oner				
		Hazardous	waste:	spent oil bu	rned in Boile	er					
Mode of of waste:	Disposal	Biomedica applicable	l waste (If):	NOt any							
		STP Sludge (Dry sludge):		NA	NA						
		Others if a	ny:	NA							
		Location(s	;):	NA							
Area requirem	ent:	Area for th of waste & material:	ne storage other	NA							
		Area for m	achinery:	NA							
Budgetary	allocation	Capital cos	st:	10.00 Lakh				2			
O&M cost		O & M cos	t:	5.0 Lakh							
			37.Ef	fluent C	harecter	estics		*			
Serial Number	Paran	neters	Unit	Inlet E Charect	ffluent erestics	Outlet I Charect	Effluent cerestics	Effluent discharge standards (MPCB)			
1	р	Н	NA	5	.5	6	.7	6.5-8.5			
2	BC	DD	mg/lit	72	20	8	0	100			
3	CC	COD		1500		230		250			
4	TS	SS	Mg/l	12	20	8	0	100			
5	3 0	à G	Mg/l	(6	<	:2	10			
Amount of e (CMD):	effluent gene	eration	348								
Capacity of	the ETP:		Existing ETP Capacity of 1350m3/day is adequate for proposed Co-generation.								
Amount of trecycled :	reated efflue	ent	NA								
Amount of v	water send to	o the CETP:	NA								
Membershi	p of CETP (if	f require):	NA								
Note on ET	P technology	v to be used	Waste water from a co-gen power plant does not have any significant BOD / COD level. Effluent water sources are boiler & auxiliary cooling tower, blow down, washings, service water, etc. The same will be neutralized and settled in a neutralizing pit. The neutralized effluent will be further treated in the existing ETP and then utilized for ash quenching and gardening of the green belt.								
Disposal of	the ETP sluc	lge	Used as ma	nure							
			38.H a	zardous	Waste D	etails					
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal			
1	Used/ s	pent oil	5.1	MT/M	0.35	0.20	0.55	Reuse in Boiler			
			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	Existing b TH	oiler of 80 PH	32 1	ГРН	1	72	3	136			

age of the set			Dukami
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2	Existing b 37 TPH up to2 x4	oiler of 2 x gradation 5 TPH		15.22	2 TPH	1		60	2.5	140	
3	Proposed 2	2 x 45 TPH		40.80) TPH	1		60	4	140	
40.Details of Fuel to be used								*			
Serial Number	Тур	e of Fuel			Existing		Proposed			Total	
1	E	Baggase			1133.70			638.90		1772.60	
41.Source of	of Fuel			Bagg	ase from ow	n suga	r unit				
42.Mode of Transportation of fuel to site Convener Belt											
		_									
		Total RG a	rea :		195000Sq.1	m					
		No of trees	s to b	e cut	0					.0	
43.Gree	n Belt	Number of be planted	trees :	s to	5000				C		
Develop	ment	List of prop native tree	posed s :	l	NA						
		Timeline for completion of plantation :			plantation	will be	compl	leted within	2 years		
44.Number and list of trees species to be planted in the ground											
Serial Number	Name of	the plant	C	ommon Name Quar			ntity	Characteristics & ecological importance			
1	Saraca aso Wi	Saraca asoca (Roxb.) Willd.			Ashok			50	Small green Ashok cosm	evergreen tree with deep n leaves • The bark of the ca plant is used to prepare etics that help to improve skin complexion	
2	Aegle mar Co	rmelos (L.) orr.		Bel		500		00	It is a deciduous plant Used as dietary supplement		
3	Limonia ac	idissima L.		Kavath		500		00	Large t rough used astrir	ree growing to 9m tall, with , spiny bark. & The fruit is to make a fruit juice with ngent properties and jams	
4	Azadiracl Liı	irachta indica Linn.		Neem		1000		00	Fast Used fo is used improv	growing evergreen tree • or skin diseases. • Neem oil to treat for healthy hair, to ve liver function & balance blood sugar level	
5	Pongamia j Pie	pinnata (L.) erre		Kaı	aranj 250		50	Legume tree • Flowering tree • Used as oil, soap making, & as lubricant			
6	Syzygium Ske	cumini (L.) eels		Jam	bhul		50	00	Evergreen tropical fruit bearing tree • Fruits & seeds are used in Hyperglycemia in diabetic rates.		
7	Mangifera	a indica L.		An	ıba		15	00		Fruit bearing tree	
45	5.Total qua	ntity of plan	ts on	grou	nd						
46.Num	nber and	list of sh	ırub	s an	d bushes	s spe	cies	to be pl	anted	in the podium RG:	
Serial Number		Name			C/C Dista	nce			l	Area m2	

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1		NA		NA	NA				
				47.E r	nergy				
		Source of p supply :	power	Power Plan	t & MSEDCL				
Descara		During Co Phase: (De Load)	nstruction mand	Not any					
		DG set as Power back-up during construction phase		Existing					
		During Op phase (Cor load):	eration mected	7MW					
require	ement:	During Op phase (Der load):	eration nand	7mW			COV		
		Transform	er:	220/132 KV		(
		DG set as back-up du operation	Power ıring phase:	500 KVA		0			
		Fuel used:		HSD					
		Details of i tension lin through th any:	high e passing e plot if	Not any					
		48.Ene	rgy savi	ng by no	n-convent	ional metho	od:		
NA									
		4	9.Detail	calculati	ons & % o	of saving:			
Serial Number	E	nergy Cons	ervation M	easures		Sa	aving %		
1			NA	>			NA		
		50	.Details	of polluti	ion contro	ol Systems			
Source	Ex	isting pollu	tion contro	l system		Proposed	Proposed to be installed		
80 TPH Boiler		ESP and 7	2 M stack He	eight -					
Existing boiler of 2 x 37 TPH up gradation to2 x45 TPH	Wet Sc	rubber to eac	ch with 60 M	l stack Heigh	ıt		-		
Budgetary	allocation	Capital cos	st:	0					
O&M	cost):	0 & M cos	t:	0					
51	.Enviro	onment	al Mar	nageme	nt plan	Budgeta	ry Allocation		
		a)	Construe	ction pha	se (with H	Break-up):			
Serial Number	Attri	butes	Para	meter	To	tal Cost per an	num (Rs. In Lacs)		
1	Ambie	ent Air	AAQ Mo	onitoring		0.2	25		
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2	Ν	loise	Noise level	Noise level monitoring		0.15						
3	W	Vater	Drinking wor	water fo kers	or	0.50						
			b) Operat	ion P	hase (wi	th Brea	k-up):				
Serial Number	Com	ponent	Descr	iption	Cap	Capital cost Rs. In Lacs			Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Air En	vironment	ESP and 7 Height for Wet Scrub with 60 Height fo Bo	ESP and 72 M stack Height for 80 TPH and Wet Scrubber to each with 60 M stack Height for 45 TPH Boiler		0	0		5			
2	Water W	and waste vater	Existing E capacity 13	TP havi: 350 M3/0	ng day	0			5			
3	Solie	d Waste	Solid and Waste Di Transpo	Hazardo isposal & ortation	ous Se	10.0			5			
4	Gre deve	en Belt lopment	Greeni Develo	ng Belt opment		20.0			5.0			
5	Envi: Mor	ronment nitoirng	EM Cell	-Existin	g	0			4.05			
6	C	Other	Rain water Safety, Se	harvest curity e	ing, tc.	20.0		2.5				
51.S	torag	e of ch	emicals	(infl sub	lamabl stance	e/expl es)	osiv	/e/haz	zardou	s/toxic		
Descri	Description Status		Locatio	Location St Ca		Maximum Quantity of Storage at any point of time in MT	Cons / M	umption onth in MT	Source of Supply	Means of transportation		
NA	Α	NA	NA	NA		0		NA	NA	-		
52.Any Other					her Info	ormation	1					
No Informa	tion Availa	ble										
			53.	Traffi	c Manag	gement						
	Nos. of the junction to the main road & design of confluence: Pargaon Shingave - Kavathe Road											



	Number and area of basement:	NA					
	Number and area of podia:	NA					
	Total Parking area:	2.0					
	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:	NA	62				
	Public Transport:	NA					
	Width of all Internal roads (m):	6 m and 9 m turning rac	lius				
	CRZ/ RRZ clearance obtain, if any:	NA					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA					
	Category as per schedule of EIA Notification sheet	1(d) B					
	Court cases pending if any	NA					
	Other Relevant Informations	NA					
	Have you previously submitted Application online on MOEF Website.	No					
	Date of online submission	-					
	TOR S	Suggested Cha	anges				
Consolidated Statement Point Number	Original Remarks Submitted Changes						
40.Stacks emission Details	Proposed 2 x 45 TPH No additional boiler will be installed .Existing boiler of 2 x 37 TPH up gradation to 2 x45 TPH						
SEAC	DISCUSSION	ON ENVIRON	IMENTAL ASPECTS				
Environmental Impacts of the project	nental of thePP 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. As per data submitted by the PP in the EIA report environmental parameters are found within the prescribed limits at site.						

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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 has provided existing ETP						
Drainage pattern of the project	During rainy season, PP to provide adequate storm water drains to prevent entry of the rain water in the mine pit.						
Ground water parameters	s per data submitted by PP ground water parameters are within the prescribed limits at project te.						
Solid Waste Management	P submitted solid waste management in the EIA report and also indicated water requirement at r. No 36 of the Consolidated Statement						
Air Quality & Noise Level issues	As per data submitted by PP Air Quality and noise parameters are within the prescribed limits at project site.						
Energy Management	Not Applicable						
Traffic circulation system and risk assessment	PP provided internal roads of six meters width for smooth circulation of traffic						
Landscape Plan	PP proposes to develop green belt over an area of 200000 Sq.m.						
Disaster management system and risk assessment	Pp prepared DMP						
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA repor						
Environmental Management Plan	PP submitted detailed EMP ar Sr. 51 of the consolidated statement						
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 cateogry 1(d)B1 of the schedule attached to the EIA Notification,2006 fo rtheir expansion of Baggase based Co-generation plant from 19MW to 29MW. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.

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.

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

Earlier EC No. SEAC-2011/CR-755/TC-1 dated 30.07.2012; PP submitted copy of certified compliance of earlier EC dated 23.07.2021 wherein the Authority does not observed any major non-compliance.

Representative of PP was present during the meeting along with Accredited Environmental consultant M/s. Ultratech Environmental Consultant & Laboratories Pvt. Ltd.

The ToR was granted to the PP in 167th A meeting of SEAC-1 held on 30.07.2019. The Public Hearing was conducted on 10th December 2020; the copy of minutes of the Public Hearing is submitted by the PP.

The proposal was appraised based on the documents submitted and presented by the PP and their accredited Environmental Consultant.

During deliberations PP informed that, they will not install any new boiler and stack for the proposed expansion they will be upgrading the existing 2 x37 TPH boiler into a 2 x45 TPH boiler by providing adequate size stack.



DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to provide adequate air pollution control equipment's to mitigate the issues related to the emissions and particulate matter.

2) PP to ensure that the entire CER fund are spent before the commissioning of the manufacturing activity in consultation with the District Collector

3) PP to complete green belt development with the provision of drip irrigation before the commissioning of the manufacturing activity.

4) PP to complete rain water harvesting facility before the commissioning of the manufacturing activity

5) PP to carry out physiochemical analysis of the ETP sludge proposed to be used as manure and obtain approval from the competent Authority so as to ensure its safe use on agricultural land/ garden

FINAL RECOMMENDATION

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

Abhay Pimparkar (Secretary SEAC-I)

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Agenda of 205th Meeting of State Level Expert Appraisal Committee-1 (SEAC-1) SEAC Meeting number: 205th (Day-1) Meeting Date September 7, 2021

Subject: Environment Clearance for Stone Quarry (Minor Mineral), Survey No. 1156/2 (P), 1156/3(P), Village – Shirur (Gramin), Taluka – Shirur, District - Pune

Is a Violation Case: No							
1.Name of Project	Stone Quarry at Survey No. 1156/2 (P), 1156/3(P), Village – Shirur (Gramin), Taluka – Shirur, District - Pune						
2.Type of institution	Private						
3.Name of Project Proponent	Somnath Shankar Ghawate						
4.Name of Consultant	Srushti Seva Private Limited, Nagpur						
5.Type of project	Mining Project						
6.New project/expansion in existing project/modernization/diversification in existing project	New Project						
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable						
8.Location of the project	Survey No. 1156/2 (P), 1156/3(P),						
9.Taluka	Shirur						
10.Village	Shirur (Gramin)						
Correspondence Name:	Somnath Shankar Ghawate						
Room Number:	-						
Floor:							
Building Name:	-						
Road/Street Name:	-						
Locality:	Village - Shirur (Gramin), Taluka - Shirur, District - Pune						
City:	-						
11.Whether in Corporation / Municipal / other area	Other area						
	Not applicable						
Approval Number	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.)	1.81 Ha						
16.Deductions	-						
17.Net Plot area	1.81 Ha						
10 (a) Dran age of Duilt up Area (FSI S	a) FSI area (sq. m.): Not applicable						
Non-FSI)	b) Non FSI area (sq. m.): Not applicable						
	c) Total BUA area (sq. m.):						
10 (b) Approved Duilt up area as non	Approved FSI area (sq. m.): Not applicable						
DCR	Approved Non FSI area (sq. m.): Not applicable						
	Date of Approval: 11-07-2016						
19.Total ground coverage (m2)	Not applicable						
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable						
21.Estimated cost of the project	900000						

22.Number of buildings & its configuration



Serial number	Buildin	g Name	e & nu	mber	Number of floors			ght of the building (Mtrs)		
1	Ν	lot appli	icable		ľ	Not applicable	Not applicable			
23.Number tenants an	r of d shops	Not apj	plicabl	9						
24.Number expected rusers	r of esidents /	Not apj	plicabl	9						
25.Tenant per hectar	density e	Not app	plicabl	9						
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)	Not apj	plicabl	9				62		
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	Not apj	plicabl	Э						
30.Details demolition disposal (I applicable)	of the with f	Not apj	plicabl	9		×				
				31.P	roduct	ion Detail	S			
Serial Number	Proc	duct		Existing (MT/M)		Proposed (MT	/M)	Total (MT/M)		
1	Stone (Min	or Mine	ral)	N	iil 👘	1600				
			32	.Tota	l Wate	r Requiren	nent			
		Source	e of wa	iter	Purchased	water & Pit Water				
		Fresh	water	(CMD):	5.0					
		Recycled water - Flushing (CMD):			Not applicable					
	\sim	Recycl Gardei	led wa ning ((ter - CMD):	Not applicable					
	2	Swimn make u	ning p up (Cu	ool m):	Not applicable					
Dry season	1:	Total V Requir :	Water remen	t (CMD)	5.0					
		Fire fig Underg tank(C	ghting groun CMD):	d water	Not applicable					
		Fire fig Overhe tank(C	ghting ead wa CMD):	- iter	Not applicable					
		Excess	s treat	ed water	Not applica	ble				
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		Source of water		Purchased water & Pit Water								
		Fresh water	(CMD):	5.0								
		Recycled wat Flushing (CM	Recycled water - Flushing (CMD):		Not applicable							
		Recycled wat Gardening (C	er - CMD):	Not applical	ole							
		Swimming po make up (Cu	ool m):	Not applicat	ole							
Wet season: Total Water Requirement (CMD)			(CMD)	5.0								
		Fire fighting Underground tank(CMD):	- I water	Not applical	ole			2				
		Fire fighting Overhead wa tank(CMD):	- ter	Not applical	ole			0				
		Excess treate	ed water	Not applical	ole			•				
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)	Ι	Loss (CMD)	5	Effluent (CMD)					
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	Nil	1.0	1.0	Nil	0.2	0.2	Nil	0.8	0.8			
Gardening	Nil	4.0	4.0	Nil	4.0	4.0	Nil	Nil	Nil			
Fresh water requireme nt	Nil	5.0	5.0	Nil	4.2	4.2	Nil	0.8	0.8			
		Level of the water table:	Ground	12 m								
		Size and no of RWH tank(s) and Quantity:		Mine Pit								
		Location of t tank(s):	he RWH	Within mining lease area								
34.Rain V Harvestii	Water ng	Quantity of r pits:	echarge	-								
(RWH)		Size of recha :	rge pits	-								
		Budgetary al (Capital cost	location) :	-								
		Budgetary al (O & M cost)	location :	-								
		Details of UG if any :	T tanks	Not Applical	ble							



35.Storm water	Natural water drainage pattern:	Not Applicable. However, the rain water will be channelized to the natural water courses like gullies and depression through appropriate drainage system.				
drainage	Quantity of storm water:	-				
	Size of SWD:	-				
	Sewage generation in KLD:	0.8				
	STP technology:	Mobile STP				
Sewage and	Capacity of STP (CMD):	1 No. Capacity 2 KLD				
Waste water	Location & area of the STP:	Within Mining Lease area				
	Budgetary allocation (Capital cost):	Rs. 2 lakhs				
	Budgetary allocation (O & M cost):	Rs. 30,000/-				
	36.Soli	d waste Management				
Waste generation in	Waste generation:	Not Applicable				
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Not Applicable				
	Dry waste:	9600 tones in form of mineral rejects shall be generated during first five years mining process				
	Wet waste:	Nil				
Waste generation	Hazardous waste:	Not Applicable				
in the operation Phase:	Biomedical waste (If applicable):	Not Applicable				
	STP Sludge (Dry sludge):	2				
	Others if any:	Not Applicable				
	Dry waste:	Waste will be used for making approach raod and filling wherever required.				
	Wet waste:	Not Applicable				
Mode of Disposal	Hazardous waste:	Not Applicable				
of waste:	Biomedical waste (If applicable):	Not Applicable				
SY	STP Sludge (Dry sludge):	Not Applicable				
	Others if any:	Not Applicable				
	Location(s):	No consideration of stacking of waste.				
Area requirement:	Area for the storage of waste & other material:	No consideration of stacking of waste.				
	Area for machinery:	-				
Budgetary allocation	Capital cost:	Not Applicable				
(Capital cost and O&M cost):	O & M cost:	Not Applicable				
	37.E	ffluent Charecterestics				
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Serial Number	Paran	neters	Unit	Inlet E Charect	ffluen eresti	t cs	Outlet Effluent Charecterestics		Effluent discharge standards (MPCB)
1		-	Not Applicable Not Applicable				Not Applicable Not Applicable		
Amount of e (CMD):	effluent gene	ration	Not Applie	Not Applicable					
Capacity of	the ETP:		Not Applie	able					
Amount of t recycled :	reated efflue	ent	Not Applie	able					
Amount of v	vater send to	o the CETP:	Not Applie	able					
Membershi	p of CETP (if	require):	Not Applie	able					
Note on ET	P technology	to be used	Not Applie	able					
Disposal of	the ETP sluc	lge	Not Applie	able					
			38.H	azardous	Was	te D	etails		6
Serial Number	Descr	iption	Cat	UOM	Exis	ting	Proposed	Total	Method of Disposal
1	Not Ap	plicable	Not Applicable	Not Applicable	No Applio	ot cable	Not Applicable	Not Applicable	Not Applicable
			39.5	tacks em	issio	n De	etails	3	
Serial Number	Serial Number Section & units		Fuel U Qu	iel Used with Quantity		x No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not Ap	plicable	Not Applicable		No Applie	ot cable	Not Applicable	Not Applicable	Not Applicable
			40.D	etails of H	uel 1	to be	e used		
Serial Number	Тур	e of Fuel	Existing			Proposed			Total
1		-		Not Applicab	le	N	lot Applicabl	e	Not Applicable
41.Source o	of Fuel		Not Applicable						
42.Mode of	Transportat	ion of fuel to	site Not	Applicable					
				-					
		Total RG a	rea : 6033 m2						
		No of trees	s to be cut						
43.Gree	n Belt	Number of be planted	f trees to						
Develop	ment	List of pro native tree	posed es :	Awala, Kad	dulimb, Kala Tembhurni, Peru, Sag				
Timeline f completion plantation			or n of :			fter start of a	mining		
	44.Number and list of trees species to be planted in the ground								
Serial Number	Name of	the plant	Comm	on Name		Qua	ntity	Characteristics & ecological importance	
1	Emblica officinalis		A	wala		20	00	Created to intercept dust, gaseous pollutants, noise and fruits	
2	Azadiracl	nta indica	Kac	ulimb		20	00	Created to poll	intercept dust, gaseous utants and noise

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3	Tectona grandis		Sag		30	00	Created to intercept dust, gaseous pollutants and noise	
4	Ficus hispida		Kala Umber		15	50	Created to intercept dust, gaseous pollutants, noise and fruits	
5	Psidium guava		Ι	Peru	15	50	Created to intercept dust, gaseous pollutants, noise and fruits	
6	Terminai	li acatapa	Desh	i Badam	10	00	Created to intercept dust, gaseous pollutants, noise and fruits	
7	Butea mo	nosperma	F	alas	10	00	Created to intercept dust, gaseous pollutants and noise	
4 5	.Total qua	ntity of plan	ts on gro	ınd				
46.Num	ber and	list of sh	nrubs a	nd bushes	s species	to be pl	anted in the podium RG:	
Serial Number		Name		C/C Dista	nce		Area m2	
1	Not	Applicable		Not Applic	able		Not Applicable	
				47.E	nergy			
		Source of p supply :	oower	Maharashtr	ra State Pow	er Distribut	ion Company Limited	
		During Construction Phase: (Demand Load)		Not Applica	Not Applicable			
		DG set as Power back-up during construction phase		-	-			
Dee		During Operation phase (Connected load):		10 KW for r	10 KW for mine office			
require	ement: During Opera phase (Demai load):		eration nand	10 KW for r	nine office			
		Transformer:		10 KW for r	nine office			
		DG set as Power back-up during operation phase:		No	No			
		Fuel used:		-				
		Details of high tension line passing through the plot if any:		No high ten	No high tension line passing through the lease area			
	C	48.Ene	rgy sav	ing by no	n-conver	ntional n	nethod:	
Solar Energ	у							
49.Detail calculations & % of saving:								
Serial Number	Energy Conservation Me			leasures	asures Saving %		Saving %	
1 Solar Lamps 5					5			
		50.	Details	of pollut	ion cont	rol Syste	ems	
Source Existing pollution control system						Pro	posed to be installed	



Air Pollution	Nil					Sprinkling on the haul roads. The closed conduit type of crusher with sprinkler arrangement to prevent the escape of fug. A thick green is maintained around the lease area and on both sides of the haul roads.				
Water Pollution	Nil					Construction of Garland Drain & Bund				
Noise Pollution			Nil			Preventiv	ve Main	tenance	of all heavy	machineries,
Budgetary (Capital	allocation cost and	allocation Capital cost: -								
Ō&M	cost):	0 & M co	st:	-						
51	.Envir	onmen	tal Mar	nagen	nent	plan Bı	udge	etary	Alloca	ation
		a)	Construc	ction p	hase (with Bre	ak-u	p):		
Serial Number	Attri	butes	Parai	neter		Total	Cost po	er annu	m (Rs. In I	acs)
1	Not ap	plicable	Not apj	plicable			Ν	ot applic	able	
]	b) Operat	ion Ph	ase (w	ith Brea	k-up));		
Serial Number	Comj	oonent	Descr	iption	Сар	ital cost Rs Lacs	s. In	Operat C	tional and ost (Rs. in	Maintenance Lacs/yr)
1	Air Po	ollution	Sprinkling roads. Tl conduit crusher wit arrange prevent the fug. A thic maintained lease area a sides of roa	ing on the haul s. The closed duit type of r with sprinkler ingement to t the escape of thick green is ned around the rea and on both s of the haul roads			2.0 1.0			
2	2 Water Pollution		Construction of Garland drain, stone hedge wall around the lease area, Mobile STP 2KLD		le he TP	3.0		1.0		
3	Noise l	Pollution	Preventive Maintenance of all heavy machineries,		1	-		0.5		
4	Occupation and	onal health safety	Periodic he ups of wo safety ec	ealth cheo rkers and juipment	ck d	0.5		0.5		
51.S	torage	of che	emicals	(infla	amab	le/expl	osiv	e/haz	zardou	s/toxic
	~			subs	stance	es)				
Description		Status	Locatio	Storage n Capacit in MT		Maximum Quantity of Storage at any point of time in MT	Consu / Mo N	imption nth in MT	Source of Supply	Means of transportation
Not App	Not Applicable Not Applicable			able	Not Applicable	Not Applicable	Not Applicable		Not Applicable	Not Applicable
			52.A	ny Oth	ner Info	ormation	n			
age one sit						kami				

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No Information Available						
	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):	Not Applicable				
	CRZ/ RRZ clearance obtain, if any:	Not Applicable				
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable				
	Category as per schedule of EIA Notification sheet	Category B2, Schedule 1(a)				
	Court cases pending if any	No				
	Other Relevant Informations	-				
SY	Have you previously submitted Application online on MOEF Website.	No				
	Date of online submission	-				
SEAC	SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS					
Environmental Impacts of the project	Not Applicable					
Water Budget	Not Applicable					

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

Brief information of the project by SEAC



PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006.

During deliberations it was observed that, PP was not having adequate information to present before the committee.

Hence, SEAC-1 decided to defer the proposal till PP submits infomration on the following points.

Representative of PP was present during the meeting along with Accredited Environmental consultant M/s. ShrishtiSeva Pvt. Ltd..

The proposal was appraised under category 1(a)B2 based on the information/documents presented by the PP and DMO, Pune

During deliberation an excavation/quarrying was observed on the site from the KML file and Google map.

In view of above observation, SEAC directed to carry out a joint inspection by the District Mining Officer, Environmental Consultant and Project Proponent to ascertain the extent of excavation/quarrying exists on site along and permission / approvals obtained from the Competent Authority for such excavation.

The District Mining Officer shall submit an inspection report through Collector/Addl. Collector mentioning that, no excavation/ quarrying is carried out on site in violation of EIA Notification 2006 amended from time to time and the mined material is used only for Government works in the area.

In case any illegal excavation observed the District Mining Officer shall initiate appropriate legal action against the defaulter.

DECISION OF SEAC

approximates			Bukami
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After deliberations with the PP and consultant, SEAC decided to defer the proposal till submission of inspection report through Collector/Addl. Collector as mentioned above

Specific Conditions by SEAC:

1) PP to submit copy of the credible document in respect of record of right in support of the fact that the Proponent is the rightful owner/lessee of the proposed mine area.

2) DMO shall submit Regional Mining Plan including list of existing operational quarries with their areas and production potential along with status of EC, list of existing quarries operational under temporary permit, list of

old/abandoned/closed mines along with status of mine closure as per approved mining plan or guidelines, list of proposed quarries included in the District Survey Report along with their area and mining potential etc. DMO shall also submit details of quarries operating in the district without obtaining Environmental Clearance along with action taken report. 3) PP to submit certificate with respect to the cluster formation in the proposed quarry area through District Mining Office along with drawing of the proposed area.

4) PP to submit measurement map of the proposed quarry approved by the District Superintendent of Land Records.
5) PP to ensure that, no existing excavation is being carried out on proposed site without obtaining prior Environmental Clearance, if such excavation is observed on the site DMO shall carry out the investigation of the same to ascertain whether the excavation was carried out after obtaining requisite permissions from the competent Authority, If no, the appropriate legal action shall be initiated against the defaulter and submit detailed report through concern Collector/Additional Collector.

6) All documents including approved mine plan, District Survey Report, EIA / EMP and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.

7) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ topo sheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).

8) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.

9) Details of any stream, seasonal or otherwise, passing through the lease area and modification /diversion proposed, if any, and the impact of the same on the hydrology should be brought out.

10) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.

11) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.

12) PP to ensure that, uniform information is given in the ownership documents, Form – 1M, Pre-feasibility Report , Consolidated Statement, Approved Mining Plan, District Survey Report and presentation etc.

FINAL RECOMMENDATION

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



Agenda of 205th Meeting of State Level Expert Appraisal Committee-1 (SEAC-1)

SEAC Meeting number: 205th (Day-1) Meeting Date September 7, 2021

Subject: Environment Clearance for Proposed expansion of Synthetic Organic Chemicals manufacturing facility (API, other synthetic organic chemicals and chemical intermediates) by Lasa Supergenerics Limited at Plot No.C-4, C-4/1, C-43, MIDC Lote Parshuram, Taluka Khed, Dist. Ratnagiri, Maharashtra

Is a Violation Case: No

1.Name of Project	Proposed expansion of Synthetic Organic Chemicals manufacturing facility (API, other synthetic organic chemicals and chemical intermediates) by Lasa Supergenerics Limited at Plot No.C-4, C-4/1, C-43, MIDC Lote Parshuram, Taluka Khed, Dist. Ratnagiri, Maharashtra			
2.Type of institution	Private			
3.Name of Project Proponent	Lasa Supergenerics Limited			
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.			
5.Type of project	Industrial project			
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion will be within the existing plot			
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No			
8.Location of the project	Plot No.C-4, C-4/1, C-43 MIDC Lote Parshuram, Taluka Khed, Dist. Ratnagiri, Maharashtra			
9.Taluka	Khed			
10.Village	Lote			
Correspondence Name:	Mr. Omkar P Herlekar			
Room Number:	Plot No.C-4, C-4/1, C-43			
Floor:				
Building Name:				
Road/Street Name:	-			
Locality:	MIDC Lote Parshuram			
City:	Ratnagiri			
11.Whether in Corporation / Municipal / other area	81008 sq. m.			
	MIDC approved plan			
12.10D/10A/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: AE/CPN/6623161 OF 201 DATED 28/08/2015			
	Approved Built-up Area: 3208			
13.Note on the initiated work (If applicable)	Not applicable. Existing structures will be used for proposed expansion project.			
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC approval			
15.Total Plot Area (sq. m.)	81008 sq. m.			
16.Deductions	Not applicable			
17.Net Plot area	81008 sq. m.			
	a) FSI area (sq. m.): 10700 sq. m.			
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable			
	c) Total BUA area (sq. m.): 22619.98			
	Approved FSI area (sq. m.): Not applicable			
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): Not applicable			
	Date of Approval: 05-07-2019			
19.Total ground coverage (m2)	22613.43 sq. m.			
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	27.9%			
21.Estimated cost of the project	25000000			

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22.Number of buildings & its configuration									
Serial number	Buildin	ig Name & nu	mber	Nun	ber of floors	Height of the building (Mtrs)			
1	Mai	in Plant Buildir	ıg	Ground	l floor + 2 floors	15.03 mtrs			
2	Tı	ray Dryer Area		G	round floor	8 mtrs			
3		Utility Block		G	round floor	8 mtrs			
23.Numbe tenants an	r of d shops	Not applicable	e. Propose	d project is ar	industrial activity.				
24.Numbe expected r users	r of residents /	Not applicable	e						
25.Tenant per hectar	density e	Not applicable	е						
26.Height building(s	of the)					NO			
27.Right o (Width of from the n station to proposed l	f way the road learest fire the building(s)	Min. 6 m				00			
28.Turning for easy ac fire tender movement around the excluding for the pla	g radius ccess of from all e building the width ntation	Min. 9 m							
29.Existing	g (s) if any	Existing structure- Production bldg., Warehouse & Admin bldg., QC lab, ETP plant							
30.Details demolitior disposal (l applicable	of the with f)	No. No demolition waste will be generate.							
			31.P	roducti	on Details				
Serial Number	Pro	oduct	Existin	g (MT/M)	Proposed (MT/M)	Total (MT/M)			
Resolving Benzoyl acid(mono). Tartaric ac Para-toluc acid(anby Para-toluc acid (anhy Para-anisc acid, Di-Pa Tarta		Agents- Di- -D-Tartaric . Di-Benzoyl-L- id (mono), Di- yl-D-Tartaric 'd/mono), Di- 10 yl-L-Tartaric rd/mono), Di- yl-D-Tartaric ara-Anisoyl-L- aric acid		10	-10	0			
2 Methyl iso but		outyril Acetate		20	-20	0			
3 Ioday Loo a Ioda Com Di-Iodo-Saly Iodo-Benz Iodo-2-Met		apounds- 3-5- ycylic acid, 2- zoic acid, 5- thyl Benzoate		20	-20	0			
4	Bron	noform		5	-5	0			
5	Alber	ndazole		0	40	40			

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6	Fenbe	endazole		0	2	2			
7	Nitr	roxynil		0 3		3			
8	Hale	quinol		0	2	2			
9	Cyro	mazine		0	1	1			
10	Ricobe	endazole		0	1	1			
11	11 Oxfendazole			0	1	1			
		32	2.Tota	l Water	Requiremen	t			
		Source of wa	nter	MIDC					
		Fresh water	(CMD):	125 CMD					
		Recycled water - Flushing (CMD):		Not applicable					
		Recycled wa Gardening (ter - CMD):	Not applicab	le	GV			
		Swimming p make up (Cu	ool ım):	Not applicab	le				
Dry season	:	Total Water Requirement (CMD) :		125 CMD	125 CMD				
		Fire fighting - Underground water tank(CMD):		10 KL tank capacity is provided					
		Fire fighting - Overhead water tank(CMD):		Not applicable					
		Excess treat	ed water	Nil					
Source of water		MIDC							
		Fresh water (CMD): 45 CMD							
		Recycled wa Flushing (Cl	ter - MD):	Not applicable					
		Recycled wa Gardening (ter - CMD):	Not applicab	le				
		Swimming p make up (Cu	ool ım):	Not applicable					
Wet season:		Total Water Requiremen :	t (CMD)	45 CMD					
		Fire fighting - Underground water tank(CMD):		10 KL tank capacity is provided					
		Fire fighting Overhead wa tank(CMD):	ı - nter	Not applicable					
		Excess treated water Nil							
Details of Swimming pool (If any)Not applicable									
	33.Details of Total water consumed								
Particula rs	Cons	sumption (CM	[D)	L	oss (CMD)	Effluent (CMD)			



Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	10	0	10	9.5	0	9.5	0.5	0	0.5		
Industrial Process	10	0	10	2.25	0	2.25	7.25	0	7.25		
Cooling tower & thermopa ck	16	9	25	15.5	9	24.5	0.5	0	0.5		
Gardening	0	80	80	0	80	80	0	0	0		
		Level of the (water table:	Ground	3.5 m				2			
		Size and no c tank(s) and Quantity:	of RWH	No				0			
		Location of t tank(s):	he RWH	No				•			
34.Rain V Harvestin	Vater 1g	Quantity of r pits:	echarge	Nil							
(RWH)		Size of recha :	rge pits	Nil							
		Budgetary allocation (Capital cost) :		Nil							
		Budgetary al (O & M cost)	location :	Nil							
		Details of UG if any :	T tanks	Nil							
Natural water drainage pattern:											
drainage	water	Quantity of s water:	torm	2000 lit/ second							
		Size of SWD:		350 mm X 500 mm							
		<u> </u>									
		Sewage gene in KLD:	ration	0.5 cmd							
		STP technolo	ogy:	No. Sewage will be send to soak pit.							
Sowage and	and	Capacity of S (CMD):	TP	Not applicable							
Waste w	ater	Location & a the STP:	rea of	Not applicable							
		Budgetary al (Capital cost	location):	Not applicable							
		Budgetary al (O & M cost)	location :	Not applical	ole						
36.Solid waste Management											



Waste generation in		Waste gen	eration:	Minor quantity of construction debris will be generate during project expansion.						
and Construction Disposa phase: debris:			f the on waste	Construction waste will Demolition Rules, 2016.	onstruction and					
1		Dry waste:		Empty drums: 150 Nos/year, Plastic bags/ plastic waste: 100 Kg/year, Paper waste / Corrugated sheets: 150 kg/year, Metal scrap: 300 Kg/year, Rubber waste: 20 Kg/year, Boiler Ash: 2000 Kg/day, Wooden waste: 500 Kg/year						
		Wet waste	:	Not applicable						
Waste generation in the operation Phase:		Hazardous	waste:	Chemical sludge from waste water treatment of bottom sludge, Distillation residue, Residue and waste, Empty barrels /containers/liners contaminated with hazardous chemicals /wastes, Sodium hydrogen sulphide, Spent sulphuric acid						
		Biomedica applicable	l waste (If):	Bandage, etc.		64				
		STP Sludge (Dry sludge):		Not applicable						
		Others if a	ny:	Not applicable						
		Dry waste:		Non Hazardous waste w	ill be sold to authorized	party/ scrap dealer.				
		Wet waste		Not applicable						
Mode of 1	Disnosal	Hazardous waste:		Hazardous waste will be safely disposed off to CHWTSDF/ Sale to authorized Re processors						
of waste:		Biomedical waste (If applicable):		Authorized disposal						
		STP Sludge (Dry sludge):		Not applicable						
Others if a			ny:	Not applicable						
Location(s			: within plot							
Area requirement:		Area for the storage of waste & other material:		Dedicated waste storage area						
		Area for m	achinery:							
Budgetary	allocation	Capital cos	st:	Rs. 2 Lakhs						
O&M cost)	st and	O & M cos	t:	Rs. 30 Lakhs						
			37.Ef	fluent Charectere	estics					
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)				
1	p	H		9-10	7.5 to 8.0	7.5 to 8.0				
2	Total Suspended Solids		mg/l	600	< 100	< 100				
3	Total Dissolved Solids		mg/l	4000	< 2100	< 2100				
4	Chemical Oxygen Demand		mg/l	60000	< 250	< 250				
5	Biological oxygen demand		mg/l	15000	< 100	< 100				
6	Oil and	grease	mg/l	60	< 10	< 10				
Amount of effluent generation (CMD):			Domestic e	tic effluent: 0.5 cmd & Trade effluent: 7.25 cmd						
Capacity of the ETP:		10 cmd								



Amount of t recycled :	reated effluent	Nil. Ti	reated	l effluent wil	l be sei	nt to (CETP.			
Amount of v	water send to the CETP:	10 cmd								
Membershi	p of CETP (if require):	Unit is already member of Lote- Parshuram CETP.								
Note on ET	P technology to be used	Please refer pre feasibility report.								
Disposal of	the ETP sludge	ETP sludge will be disposed off in CHWTSDF.								
38.Hazardous Waste Details										
Serial Number	Description	Са	ıt	UOM	Exist	ing	Propos	sed	Total	Method of Disposal
1	Chemical sludge from waste water treatment of bottom sludge	34.3 MT/M		2.2	8	0.72	0	3.00	CHWTSDF	
2	Distillation residue	20.	.3	MT/M	2.2	8	0		2.28	CHWTSDF
3	Residue and waste	28.	.1	MT/M	2.2	8	0		2.28	CHWTSDF
4	Empty barrels / containers/ liners contaminated with hazardous chemicals / wastes	33.	33.1 Nos / year		0		100		100	Sell to authorized Reprocessor/ CHWTSDF
5	Sodium hydrogen sulphide			MT/M	0		105		105	Sell to authorized party/ CHWTSDF
6	Spent sulphuric acid	26.	.3	MT/M	0	C	73.5	5	73.5	Sell to authorized party/ CHWTSDF
	39.Stacks emission Details									
Serial Number	Section & units	Fuel Used with Quantity			Stack	No.	Heig fron grou level (ht n nd (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Existing Boiler	LDO: 250 Litre per day			1		31			150
2	Proposed Boiler (850 Kg per hour)	Coal: 4 ton per day			2		Comm stack 35 n	on of n		150
3	Proposed Boiler (850 Kg per hour)	Coa	l: 4 to	on per day	2		Comm stack 35 n	ommon ack of 35 m		150
4	Proposed Boiler (650 Kg per hour)	Coal:	2.5 t	on per day	2		Comm stack 35 n	ion of n		150
5	Existing DG Set (500 KVA)	Н	SD: 6	5 lit/Hr	3		3 Meter above roof			130
6	Proposed DG Set (1000 KVA)	HS	SD: 20	00 lit/Hr	4		6.5 r above i	5 m e roof		130
		40).De	tails of F	uel t	o be	e usec	1		
Serial Number	Type of Fuel			Existing			Propos	Proposed Total		
1	LDO			250 Lit/ day						250 Lit/ day
2	Coal		Coal: 10.5			.5 TPD Coal: 10.5 TPD				
3	HSD			65 lit/ Hr			200 lit/	/Hr		265 lit/ Hr
41.Source of Fuel From nearby vendors										
42.Mode of Transportation of fuel to site By road										
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		-								
43.Green Belt Development Timeli compl planta		Total RG area :No of trees to be cut:Number of trees to be planted :List of proposed native trees :		Green belt area: 28862.98 sq. m.						
				Nil						
				Approx. 2000 nos.						
				Details will	Details will be given in EIA report					
		Timeline f completion plantation	Timeline for completion of plantation :							
44.Number and list of trees species to be planted in the ground										
Serial Number	Serial Number Name of the plant		Commo	n Name	Quantity	Characteristics & ecological importance				
1	Anona s	quamosa	Custar	d apple	As per green belt development	Fast Growing, Evergreen, Round				
2	Mimuso	ps elengi	Bal	kuli	As per green belt development	Fast Growing, Evergreen, Oblong/ Round				
3	Lagers spec	troemia ciosa	Queen Cra	ape Myrtle	As per green belt development	Fast Growing, Evergreen, Oblong				
4	Polyalthia longifolia		Ashok		As per green belt development	Fast Growing, Evergreen, Conical/ Rounded				
5	Careya arborea		Kumbhi		As per green belt development	Fast Growing, Evergreen, Spreading				
6	Mangifera indica		Mango		As per green belt development	Fast Growing, Evergreen, Round/ oblong				
7	Ficus gl	omerata	Umber		As per green belt development	Fast Growing, Evergreen, Spreading				
8	Hardwickia binata		Anjan		As per green belt development	Fast Growing, Evergreen, Spreading				
9	Aegle m	Aegle marmelos		el	As per green belt development	Fast Growing, Evergreen, Round/ oblong				
10	Feronia el	Feronia elephantum		lephantum Kawa		vath	As per green belt development	Fast Growing, Evergreen, Round/ oblong		
11	Azadirac	hta indica	ndica Neem		As per green belt development	Fast Growing, Evergreen, Spreading				
12	Cochlos religi	permum iosum	um Ganeri		As per green belt development	Fast Growing, Evergreen, Spreading				
13	Holoptelea	integrifolia	Ainsadao	la/ Vavla	As per green belt development	Fast Growing, Evergreen, Spreading				
14	Balaniles	roxburghii	Hinganb	et/Hingu	As per green belt development	Fast Growing, Evergreen, Spreading				
15	Helicte	icteris isora Murao		sheng	As per green belt development	Fast Growing, Evergreen, Round/ oblong				
16	Gymnospoi	ria montana	Her	ıkal	As per green belt development	Fast Growing, Evergreen, Spreading				
17	Holarrhena	a puboscens	Pandhr	a-Kuda	As per green belt development	Fast Growing, Evergreen, Oblong				
18	Bauhinia	purpurea	Butterf	ly Tree	As per green belt development	Fast Growing, Deciduous, Oblong				
19	Bauhinia racemosa		Ast	tha	As per green belt development	Fast Growing, Deciduous, Oblong				

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20	Gardenia j	nia jasminoides Ana		ant	As per green belt development		Fast Growing, Evergreen, Oblong	
21	Hibiscus ro	cus rosa-sinensis Chinese		Hibiscus	As per green belt development		Fast Growing, Evergreen, Round/ oblong	
22	Nyctanth tri	nus arbor- stis	Parij	jatak	As per g develo	reen belt pment	Fast Growing, Deciduous, Oblong/ Round	
23	Psidiur	n guava	Guav	a tree	As per g develo	reen belt pment	Fast Growing, Evergreen, Oblong	
24	Calyco florib	opteris ounda	Uk	shi	As per g develo	reen belt pment	Fast Growing, Evergreen, Spreading	
45	5.Total qua	ntity of plant	s on groui	nd				
46.Num	ıber and	list of sh	r <mark>ubs</mark> an	d bushes	s species	to be pla	anted in the podium RG:	
Serial Number		Name		C/C Dista	nce		Area m2	
1								
				47.E r	ıergy		C VY	
		Source of po supply :	ower	MSEDCL		0	0	
		During Construction Phase: (Demand Load)		1000 KVA (1000 KVA (existing)			
		DG set as Power back-up during construction phase		Existing DG set- 500 KVA, Proposed DG set- 1000 KVA				
Dor		During Operation phase (Connected load):		Proposed power requirement: 1000 KVA				
require	ement:	During Operation phase (Demand load): Transformer:		Proposed power requirement: 1000 KVA				
		DG set as Power back-up during operation phase:		Existing DG set- 500 KVA, Proposed DG set- 1000 KVA				
		Fuel used:		HSD: 265 Lit/ Hr (existing & proposed)				
		Details of high tension line passing through the plot if any:		High tension lines at north side of C 43 plot				
	CY	48.Ener	gy savi	ng by no	n-conver	tional m	nethod:	
		49	.Detail	calculati	ons & %	of savin	g:	
Serial Number	rial Energy Conservation Me				Saving %		Saving %	
1								
		50.1	Details	of pollut	ion cont	rol Syste	ms	
Source Existing pollution control				l system		Pro	posed to be installed	



Air pollution- Boiler, DG set	Stack					Stack				
Water pollution			ETP							
Noise		PI	PE, Enclosure				PPE	, Enclo	osure	
Solid & Hazardous waste	Dispo	osal to CHV	VTSDF, Authori	zed recy	ed recycler Disposal to CHWTSDF, Authorized recy				d recycler	
Budgetary	allocation	Capital	cost:	Nil						
(Capital O&M	cost and	0 & M c	ost:	Nil						
51	51.Environmental Management plan Budgetary Allocation									
		a) Construc	ction r	hase (with Bre	ak-up):			
Serial Number	Attri	ibutes	Parar	neter		Total	Cost per an	num ((Rs. In L	.acs)
1			-	-						
			b) Operati	ion Ph	ase (w	ith Brea	k-up):	7		
Serial Number	Comj	ponent	Descr	iption	Car	oital cost Rs Lacs	. In Ope	Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Air Pollut	ion Contro	l From Utiliti and D	From Utilities, Process and DG set		15		2		
2	Enviro Moni	nmental itoring	Regular M	Regular Monitoring		0		2		
3	Water Co	Pollution ntrol	ETP upg	ETP upgradation		40		6		
4	Hazardous Waste and Solid waste management		d Storage an of Hazard and Non-h wa	Storage and Disposal of Hazardous waste and Non-hazardous waste		2		30		
5	Gree Devel	en Belt opment	Developr Maintenano Be	Development and Maintenance of Green Belt		10		1		
6	Occupatio and	onal Health Safety	¹ PPE, Safet	PPE, Safety Training				1		
51.S	torage	of ch	emicals	(infl	amab	le/expl	osive/h	aza	rdou	s/toxic
				sub	stanc	es)				
Description Status		Location	on Storage in MT		Maximum Quantity of Storage at any point of time in MT	Consumpti / Month i MT	on n Sc	ource of Supply	Means of transportation	
Methanol existing		within plo	ot	30 KL	30 KL 160 T		ı V	nearby vendors	By road	
			52.A	ny Otl	her Inf	ormation	1			
No Informa	tion Availab	ole								
			53.	Traffie	c Mana	gement				
age	age mess								kami	

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	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:	9092.05 sq. m.
	Area per car:	3 m X 3 m
	Area per car:	3 m X 3 m
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):	Minimum 6 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	5(f)- B
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
9 .	Date of online submission	05-07-2019
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	Not Applicable	
Water Budget	Not Applicable	
Waste Water Treatment	Not Applicable	
Drainage pattern of the project	Not Applicable	

appropringes			Jukami
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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

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PP submitted their application for the grant of TOR under category 5(f)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015. The proposal was considered in the 170th meeting of SEAC-1 held on 23.10.2019 wherein the proposal was deferred for following reason.

"During deliberations many deficiencies observed in the information given in the Form-I. It was also noted that, PP has not obtianed amalgamation order for Plot No. C-4, C-4/1 and C-43. In view of above, SEAC-1 decided to defer the proposal till PP submits correct information in the Form - I and amalgamation order"

Now PP submitted copy of amalgamation order.

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.

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

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

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

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



DECISION OF SEAC

PP requestd to withdraw the application.

As requested by PP, SEAC-1 decided to allow PP to withdraw application and decided to reject the proposal

Specific Conditions by SEAC:

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

3) PP to submit plan layout showing contour levels, storm water drain lines and location of rain water harvesting facilities along with calculations. PP to consider 125 mm rain intensity in Mumbai / Konkan area and 100 mm in rest of the Maharashtra area for the purpose of calculations.

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

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

6) PP to include detailed water balance calculations along with design details of effluent treatment plant and copy of CETP permission mentioning quantity of treated effluent permitted to discharge in the CETP in case no such permission is obtained, PP to submit design details of ZLD Effluent Treatment Plant in the EIA report.

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

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

9) PP to explore possibility to use briquette in place of coal as a fuel and include details in the EIA reprot.

10) PP to provide adequate treatment of the domestic waste water and submit details in the EIA report.

11) PP to include details of generation and disposal of hazardous waste including byproducts as per Hazardous and other waste (Management and Trans boundary Movement) Rules, 2016 in the EIA report.. PP to submit letter from CHWTSDF confirming acceptance of the hazardous waste like Spent Sulphuric Acid, Sodium HydrogenSulphide etc.

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

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

14) PP to submit an undertaking for not violating any requirements of earlier Environmental Clearance and EIA Notification, 2006 amended from time to time.

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

16) PP to submit hazardous chemical handling protocol

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

18) PP to ensure uniformity in the submission of information in Form-I/II, EIA/EMP report and presentation, consolidated statement.

FINAL RECOMMENDATION

SEAC-I have decided to recommend the proposal for rejection subject to above reasons.



Agenda of 205th Meeting of State Level Expert Appraisal Committee-1 (SEAC-1)

SEAC Meeting number: 205th (Day-1) Meeting Date September 7, 2021

Subject: Environment Clearance for Stone Quarry Minor Mineral Mining Project (3.25 Ha. for mining activity) of M/s. Gokul Dattatray Shinde Gat No- 6/3/A/1 (Part) A/P Dahitane Tal. Akkalkot Dist. Solapur(M.S.)@ 57449 TPA

Is a Violation Case: No

1.Name of Project	M/s. Gokul Dattatray Shinde Gat No- 6/3/A/1 (Part) A/P Dahitane Tal. Akkalkot Dist. Solapur(M.S.)				
2.Type of institution	Private				
3.Name of Project Proponent	Gokul Dattatray Shinde				
4.Name of Consultant	Dr. Prashant Banne of M/s. Sneha- Hitech Products, Bangalore				
5.Type of project	Not applicable				
6.New project/expansion in existing project/modernization/diversification in existing project	New Project				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable				
8.Location of the project	Gat No- 6/3/A/1 (Part)				
9.Taluka	Akkalkot				
10.Village	Dahitane				
Correspondence Name:	Gokul Dattatray Shinde				
Room Number:	Not applicable				
Floor:	Not applicable				
Building Name:	Not applicable				
Road/Street Name:	Not applicable				
Locality:	Not applicable				
City:	Not applicable				
11.Whether in Corporation / Municipal / other area	Grampanchayat Dahitane				
	Mining Plan AND GRAMPANCHAYAT NOC				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: MIN-Adm/599/2019/848				
	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.)	3.25 Ha				
16.Deductions	Not applicable				
17.Net Plot area	Not applicable				
	a) FSI area (sq. m.): Not applicable				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable				
	c) Total BUA area (sq. m.):				
	Approved FSI area (sq. m.): Not applicable				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): Not applicable				
DOM	Date of Approval: 15-07-2019				
19.Total ground coverage (m2)	Not applicable				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable				
21.Estimated cost of the project	2000000				

22.Number of buildings & its configuration

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Serial number	Buildin	Building Name & number			mber of floors	Hei	Height of the building (Mtrs)			
1	1	Not applicabl	е	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	Not applicable							
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)	Not applica	Not applicable							
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		Not applica	Not applicable							
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					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Black Stone Minor Mineral			0	4787		4787			
	32. Total Water Requirement									
Stille										



		Source of water		Not applicable						
		Fresh water	(CMD):	14						
		Recycled wat Flushing (CM	er - ID):	Not applicable						
		Recycled wat Gardening (C	Recycled water - Gardening (CMD):		ole					
		Swimming po make up (Cu	ool m):	Not applical	ole					
Dry seasor	1:	Total Water Requirement :	(CMD)	14						
		Fire fighting Underground tank(CMD):	- l water	Not applical	ole					
		Fire fighting Overhead wa tank(CMD):	- ter	Not applical	ole			6		
		Excess treate	ed water	Not applical	ole			*		
		Source of wa	ter	Not applicat	ole					
		Fresh water	(CMD):	Not applical	ole					
		Recycled water - Flushing (CMD):		Not applical	ole	\mathbf{O}				
		Recycled water - Gardening (CMD):		Not applicable						
		Swimming pool make up (Cum):		Not applicable						
Wet seaso	n:	Total Water Requirement (CMD) :		Not applicable						
		Fire fighting - Underground water tank(CMD):		Not applicable						
		Fire fighting - Overhead water tank(CMD):		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)	Ι	Loss (CMD)		Efi	luent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	0	1.5	1.5	0	0.5	0.5	0	1	1	
Industrial Process	0	7.5	7.5	0	7.5	7.5	0	0	0	
Gardening	0	5	5	0	5	5	0	0	0	
Fresh water requireme nt	0	14	14	0	14	14	0	0	0	

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	Level of the Ground water table:	Average water level of the project area in monsoon period is 85 m and 100 m in summer season.					
	Size and no of RWH tank(s) and Quantity:	Not applicable					
	Location of the RWH tank(s):	Not applicable					
34.Rain Water Harvesting	Quantity of recharge pits:	Not applicable					
(RWH)	Size of recharge pits :	Not applicable					
	Budgetary allocation (Capital cost) :	Not applicable					
	Budgetary allocation (O & M cost) :	Not applicable					
	Details of UGT tanks if any :	Not applicable					
	Natural water drainage pattern:	Not applicable					
35.Storm water drainage	Quantity of storm water:	Not applicable					
	Size of SWD:	Not applicable					
	Sewage generation in KLD:	1					
	STP technology:	NA : Septic tank followed by soak pit will be provided					
Sewage and	Capacity of STP (CMD):	Not applicable					
Waste water	Location & area of the STP:	Not applicable					
	Budgetary allocation (Capital cost):	NA : It is part of the stone quarry activity					
	Budgetary allocation (O & M cost):	NA : It is part of the stone quarry activity					
	36.Solie	d waste Management					
Waste generation in	Waste generation:	Not applicable					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Not applicable					
	Dry waste:	The overburden and waste material will be used for green belt development and back-filled in the pit itself.					
	Wet waste:	Sludge generated from septic tank					
Waste generation	Hazardous waste:	Not applicable					
in the operation Phase:	Biomedical waste (If applicable):	Not applicable					
	STP Sludge (Dry sludge):	Not applicable					
	Others if any:	Not applicable					

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Dry waste: The deve						The overbu development	The overburden and waste material will be used for green belt development and back-filled in the pit itself.						
	Wet waste:					Sludge generated from septic tank							
Hazardous waste:						Not applica	ble		-				
Mode of Disposal of waste: Biomedical waste applicable):					te (If	• (If Not applicable							
		STP 9 sludg	Sludg je):	e (Dry	ÿ	Not applica	ble						
		Othe	rs if a	ny:		Not applicable							
		Locat	tion(s):		Not applica	ble						
Area requirem	ent:	Area of wa mate	for th ste & rial:	e sto othe	rage r	Not applicable							
		Area	for m	achin	ery:	Not applicable							
Budgetary	allocation	Capit	al cos	st:		Not applica	ble						
(Capital co O&M cost)	st and :	0&1	M cos	t:		Not applica	ble					NV	Y
				3	7.Ef	fluent C	hare	cter	estic	S			
Serial Number	Paran	neters		U	nit	Inlet E Charect	ffluen eresti	it .cs	O Ch	utlet 1 arect	Efflue erest	nt ics	Effluent discharge standards (MPCB)
1	Not apj	pplicable Not applicable			Not apj	plicabl	e	N	lot apj	plicab	le	Not applicable	
Amount of effluent generation (CMD): Not applicab					licable								
Capacity of the ETP: Not applical					icable								
Amount of treated effluent Not applical					icable								
Amount of v	vater send to	o the C	ETP:	Not a	pplica	ble	7						
Membershi	p of CETP (if	f requi	re):	Not a	pplica	ble							
Note on ET	P technology	v to be	used	Not a	pplica	ble							
Disposal of	the ETP sluc	lge		Not a	pplica	icable							
				3	8.Ha	zardous	Was	te D	etai	ls			
Serial Number	Descr	iption		C	at	UOM	Existing Proposed		Total		Method of Disposal		
1	Not apj	plicabl	e	N appli	ot cable	Not applicable	N appli	ot cable	N appli	ot cable	N appli	ot cable	Not applicable
				3	89.St	acks em	issio	n D	etail	5			
Serial Number Section & units Qua				uel Us Qua	ed with ntity	Stacl	s No.	Hei fro grou level	Height from ground level (m)		ernal neter n)	Temp. of Exhaust Gases	
1 Not applicable Not app				plicable	N appli	ot cable	N appli	ot cable	N appli	ot cable	Not applicable		
				4	0.De	tails of F	uel	to be	e use	ed			
Serial Number Type of Fuel					Existing			Prop	osed			Total	
1	Ι	DIESEI	_			0		200) TO 3	00 lit/0	day		200 TO 300 lit/day
41.Source of	of Fuel				NEAF	R BY FUEL S	TATIO	N					
42.Mode of	Transportat	ion of t	fuel to	site	BY Ro	bad							
2 and the second s							Bukami						

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		Total RG	area :		10725 sqm				
43.Green Belt No of trees to be cut : Number of trees to be planted :		e cut	0						
		Number be plante	of trees ed :	s to	15000				
Develop	ment	List of pr native tr	roposed ees :		Gulmohar,	Moha, Kadul	imb, Sag, l	Behada, Amla, Kavath, Gela, Ain etc	
Timeline for completion of plantation :				UPTO PLAI	N PERIOD				
	44.Nu	mber aı	nd list	of t	rees spe	cies to b	e planto	ed in the ground	
Serial Number	Name of	the plant	Co	ommo	n Name	Quar	ntity	Characteristics & ecological importance	
1	Deloni	x regia		Guln	nohar	25	50		
2	Mahua l	ongifolia		Mo	oha	20	00		
3	Azadiracl	nta indica		Kadı	ılimb	25	50		
4	Tectona	grandis		Sa	ag	20	00		
5	Terminali	a bellirica		Beh	iada	20	00		
6	Phyllanthu	us emblica		An	nla	20	00		
7	Ficus ben	ghalensis		Kav	vath	20	00		
45	.Total quai	ntity of pl	ants on	grou	round				
46.Number and list of shrubs and bushes species to be planted in the podium R							lanted in the podium RG:		
Serial Name Number		C/C Distance Area m2			Area m2				
1	Not	applicable			Not applicable Not applicable				
					47.E	nergy			
		Source o supply :	f power	X	Not applica	able			
		During (Phase: (I Load)	onstruc Demand	ction	Not applica	able			
		DG set a back-up construc	DG set as Power back-up during construction phase		Not applicable				
Der		During (phase (C load):	peratio onnecte	en ed	Not applica	able			
Power requirement: During Operation phase (Demand load):		Not applica	able						
Transformer:		Not applica	able						
DG se back- opera		DG set a back-up operatio	s Power during n phase	:	Not applica	able			
		Fuel use	d:		Not applica	able			
Details of high tension line passing through the plot if any:			Not applica	able					
asp	orthers							Sukami	

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	48.Energy saving by non-conventional method:									
Not applica	ble									
		4	9.Detail	calculati	ons	& % of saving	g:			
Serial Number	E	energy Cons	ervation M	easures			Saving %			
1		Not	applicable				Not applicable			
50.Details of pollution control Systems										
Source Existing pollution control system					Pro	posed to be installed				
Waste Water		Not	applicable			SEPTIC TAN	NK FOLLOWED BY SOAK PITS			
Dust during material handling	Dust during Not applicable material handling					Water sprinkli	ng on Haul roads and Green Belt Development			
Noise	Not applicable				Appropriate PPE'	s will be provides to workers, Green belt development				
Solid Waste	Not applicable				The top soil used for Green Belt Development, Overburden in the form of murum will be Back filled in the pit					
Storm Water	Not applicable				Garland drains will be provided to maintain proper drainage of Storm water					
Budgetary allocation Capital cost: Not applicable										
(Capital cost and O&M cost): O & M cost: Not applicable										
51	.Envir	onment	tal Mar	nageme	ent	plan Budg	etary Allocation			
		a)	Constru	c tion ph a	ise (with Break-u	p):			
Serial Number	Attri	butes	Para	meter		Total Cost p	Total Cost per annum (Rs. In Lacs)			
1	Not ap	plicable	Not ap	plicable		Not applicable				
		b) Operat	ion Phas	e (w	ith Break-up):			
Serial Number	Comp	onent	Descr	iption	Car	oital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Air Polluti	on Control	Dust Suppression, Black topping of approach roads, Sprinkling of water on quarry and haul roads			3.0	1.0			
2	Noise F Cor	Pollution htrol	Preve Maintane heavy ma Appropriat be provides	Preventive Maintanence of all heavy machineries, Appropriate PPE's will be provides to workers		2.5	0.30			
3	Gree Develo	n Belt opment	Afforestat done as p guide	Afforestation will be done as per CPCB guidelines		1.5	0.30			



4	Occupat and	ional health safety	Fire Fi Equip (portable), protection (goggles helmets, o safety shoe health ch wor	ghting ments Personnel equipments , gloves, 1.3 ust mask, s), Periodic eck ups of kers		1.3		0		
5	5 Environmental Monitoring Programme wa			Ionitorii t air, no ter, grou ter	ng ise, und	0.2			0.20	
51.S	torage	e of ch	emicals	(inf	amabl	e/expl	osiv	e/haz	zardou	s/toxic
				sub	stance	es)				
Description Status Location		n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Cons / Mo	umption onth in MT	Source of Supply	Means of transportation		
Not app	licable	Not applicable	Not applica	able	Not applicable	Not applicable	Not a	pplicable	Not applicable	Not applicable
52.Any Other Information										
No Information Available										
53.Traffic Management										
		Nos. of t to the m design o confluer	he junction ain road & f ice:	Not ap	plicable					
		Number basemer	and area of nt:	Not ap	plicable					
		Number podia:	and area of	Not ap	plicable					
		Total Pa	rking area:	Not ap	plicable					
		Area per	car:	Not applicable						
Parking details:		Number Wheeler approve compete authorit	Area per car: Number of 2- Wheelers as approved by competent outhority		Not applicable					
		Number Wheeler approve compete authorit	of 4- s as d by nt y:	Not ap	plicable					
		Public T	ransport:	Not ap	plicable					
		Width of roads (n	all Internal 1):	Not ap	plicable					
		CRZ/ RR obtain, i	Z clearance f any:	Not ap	plicable					

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	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable			
	Category as per schedule of EIA Notification sheet	Not applicable			
	Court cases pending if any	Not applicable			
	Other Relevant Informations	Not applicable			
	Have you previously submitted Application online on MOEF Website.	No			
	Date of online submission	-			
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS			
Environmental Impacts of the project	Not Applicable				
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 for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006. The proposal was earlier considered in the 170th meeting held on 23.10.2019 wherein PP requested to postpone the case.

PP remained absent

Hence, deferred.

The PP was present along with their accredited consultant Sneha HiTech Products, Bangalore and DMO, Solapur.

During deliberations it was observed that, PP was not having measurement map approved by the District Superintendent of Land Records. PP was also not having Grampanchyat NOC to use public road for the transport of mined material.

DECISION OF SEAC

In view of above SEAC-1 decided to defer the appraisal till PP submits above information..

Specific Conditions by SEAC:

-F.A.C.

FINAL RECOMMENDATION

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



Agenda of 205th Meeting of State Level Expert Appraisal Committee-1 (SEAC-1)

SEAC Meeting number: 205th (Day-1) Meeting Date September 7, 2021

Subject: Environment Clearance for Environmental Clearance (EC) of proposed project for expansion in existing products with deletion of some of the existing products & addition of new products for manufacturing of synthetic organic chemicals at Plot No.: A-21, Mahad MIDC, Raigad 402309, Maharashtra by Pidilite Industries Limited

Is a Violation Case: No

1.Name of Project	Proposed project for expansion in existing products with deletion of some of the existing products & addition of new products for manufacturing of synthetic organic chemicals at Plot No.: A-21, Mahad MIDC, Raigad 402309, Maharashtra				
2.Type of institution	Private				
3.Name of Project Proponent	PIDILITE INDUSTRIES LTD				
4.Name of Consultant	Goldfinch Engineering Systems Private Limited				
5.Type of project	Industrial – Manufacturing of synthetic organic chemicals				
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing products and addition of new products.				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No. Existing project started operation in the year 1988. Environmental clearance was not applicable then for the activity as per EIA notifications 1994 & 2006.				
8.Location of the project	Plot No.: A-21, Mahad MIDC, Raigad 402309, Maharashtra.				
9.Taluka	Mahad				
10.Village	Kamble via Birwadi				
Correspondence Name:	Mr. Sagar Jadhav				
Room Number:	Plot No.: A-21				
Floor:	MIDC Mahad				
Building Name:					
Road/Street Name:	Mahad MIDC				
Locality:	Raigad-402309				
City:	Mahad				
11.Whether in Corporation / Municipal / other area	MIDC Mahad				
	Not applicable				
12.10D/10A/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Not applicable				
	Approved Built-up Area: 33351				
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.)	169166 Sq.m.				
16.Deductions	Not applicable				
17.Net Plot area	Not applicable				
	a) FSI area (sq. m.): 23497				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 00				
	c) Total BUA area (sq. m.): 23497				
	Approved FSI area (sq. m.): Not applicable				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): Not applicable				
	Date of Approval: 20-07-2018				
19.Total ground coverage (m2)	29646				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	17.5 %				
21.Estimated cost of the project	4851200000				

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	22.Number of buildings & its configuration									
Serial number	Buildin	ıg Name & number	Number of floors	Height of the building (Mtrs)						
1	Ν	lot applicable	Not applicable	Not applicable						
23.Number tenants an	r of d shops	Not applicable								
24.Number expected re users	r of esidents /	Not applicable								
25.Tenant per hectar	density e	Not applicable								
26.Height building(s)	of the			. 0.						
27.Right of (Width of t from the n station to t proposed b	f way he road earest fire he ouilding(s)	9 M		0464						
28.Turning for easy ac fire tender movement around the excluding t for the plat	radius cess of from all building the width ntation	9 M	000							
29.Existing structure (J s) if any	Yes. Existing manufactu	ring unit.							
30.Details demolition disposal (I applicable)	of the with f	Oxygen/Nitrogen plant a of debris, scraps, excava be generated during cor report.	and Ethylene storage Sphere will be o ated soil, used Cement bags, iron / ste astruction and demolition. Approxima	lismantled and disposed. Quantity eel scrap and cardboards waste will te quantities will be given in EIA						
		31 P	roduction Details							

Production Details

<u> </u>							
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)			
1	1. a) Vinyl acetate	32436 MT/A	-32436 MT/A	0			
2	Or						
3	b) Allyl alcohol	10800 MT/A	-10800 MT/A	0			
4	Or						
5	c)1. Isopropyl acetate (IPAc)	10800 MT/A	0	10800 MT/A			
6	c)2. n-propyl acetate (nPAc)	10800 MT/A	-10800 MT/A	0			
7	c)3. Di-isopropyl ether (DIPE)	5400 MT/A	0	5400 MT/A			
8	C)4. Isopropyl alcohol (IPA)	5400 MT/A	94600 MT/A	100000 MT/A			
9	2.Oxygen	7116 MT/A	-7116 MT/A	0			
10	3.Nitrogen	1224 MT/A	-1224 MT/A	0			
11	4.Soft PVC film by mixing process	8640 MT/A	0	8640 MT/A			
12	New Product						

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13	Oligomers trimer, T Penta	(Propylene 'etramer, amer)	opylene amer, 0 er)		11000 MT/A	11000 MT/A		
14	Alkyl phen Phenol, Phenol, phe	ols (Nonyl Dodecyl Dinonyl nol)	0		20000 MT/A	20000 MT/A		
15	By-Pro Capa	duction acity		-				
16	1.Pro	pane	(C	15840 MT/A	15840 MT/A		
17	2.Nonene trin	(Propylene ner)	()	110 MT/A	110 MT/A		
18	3.Hydroca lig	rbon mix - Jht	()	140 MT/A	140 MT/A		
19	4.Hydroca Med	rbon mix - lium	(C	55 MT/A	55 MT/A		
		3	82.Tota	l Wate	r Requiremen	t		
		Source of	water	Not applica	ble			
		Fresh wate	er (CMD):	Not applicable				
		Recycled v Flushing (vater - CMD):	Not applica	ble	3		
		Recycled v Gardening	vater - (CMD):	Not applicable				
		Swimming make up (pool Cum):	Not applicable				
Dry seasor	1:	Total Wate Requireme :	er ent (CMD)) Not applicable				
		Fire fighting - Underground water tank(CMD):		Not applicable				
Fire fighting Overhead wat tank(CMD):			ng - water):	Not applica	ble			
Excess treated water				Not applica	ble			
	Si							



	Source of water					ole							
		Fresh water (CM	ID):	Not a	applicab	ole							
		Recycled water - Flushing (CMD)	•	Not a	Not applicable								
		Recycled water - Gardening (CMI)):	Not a	Not applicable								
Swimming make up (0				Not a	applicab	ole							
Wet seaso	n:	Total Water Requirement (C :	MD)	Not a	Not applicable								
		Fire fighting - Underground wa tank(CMD):	ter	Not a	applicab	le							
		Fire fighting - Overhead water tank(CMD):		Not a	applicab	le			NC				
		Excess treated w	vater	Not a	applicab	ole							
Details of an pool (If an	cails of Swimming Not applicable												
	33.Details of Total water consumed												
Particula rs		Consumption (CMD)			L	oss (CMD)		Effl	uent (CMD)		
Water Require ment	E	Existing	Prop	osed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic		18	5	7	25	1	0.5	1.5	17	6.5	23.5		
Industrial Process		9	19	91	200	5	92.3	97.3	29*	98.7	102.7		
Cooling tower & thermopa ck		458	15	44	2002	362	1197	1559	96	347	443		
Gardening		40)	40	40	0	40	0	0	0		
Fresh water requireme nt	525 1		17	42	2267	408	1289.8	1697.8	117	452.2	569.2		
Industrial Process	Stean	Steam condensate			-	-	-	-	-	-	131		
Domestic	STP re	STP recycled water			-	-	-	-	-	-	23.5		
Industrial Process	Rec	ycle water			591**	-	-	-	-	-	-		
Fresh water requireme		-			1676	-	-	-	-	-	-		



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Industrial Process	*Note- E: effluent g producti water of re no effluent existing p proposed has been d effluent g proposed a CMD wi outlet (109 22 CMD condensa RO perm water recy Hence tod will b	xisting -25 CMD generating from ion of VAM as a eaction & there is t generation from roduct. From the product list VAM eleted hence total eneration is from ctivity only. **131 Il be from MEE 0 CMD RO reject+ MEE live steam te), 436.7 will be eate & 23.5 STP cled from effluent, tal recycle water be 591 CMD.	-	-	-	-	-	-	-	-
		Level of the Ground		0			-			
		water table:	5 to	8 m						
Size and no of RWH tank(s) and Quantity:		20 C	CU.m. 1	No. Quanti	ty 22 CMD	5				
	Location of the RWI tank(s):	H Nea	r Raw w	ater tank.						
34.Rain Water Harvesting (RWH)		Quantity of recharg pits:	e Not	applical	ole as colle	cted water v	vill be re	used.		
		Size of recharge pit :	s Not	applical	ole as colle	cted water v	vill be re	used.		
		Budgetary allocatio (Capital cost) :	n 3.30	3.30.lac						
		Budgetary allocatio (O & M cost) :	n Rs. 1	Rs. 10000/Annum						
		Details of UGT tank if any :	s Νο τ	No underground tanks						
35 Storm	wator	Natural water drainage pattern:	Adeo natu	Adequate and separate storm water drains will be provided as per natural slopes.						
drainage	water	Quantity of storm water:	By c runc	onsideri off coeff.	ng maximu = 7192 m3	ım intensity 3/hr, 1.99 m3	190 mm 3/s	of rain fall	per hour &	0.8
		Size of SWD:	2m 2	2m x 1m						
	2	Sewage generation in KLD:	23.5							
		STP technology:	STP and	compris tertiary	sing of conv treatment)	ventional tre	atment j	process (Bi	ological oxid	dation
Sewage	and	Capacity of STP (CMD):	1 No	1 No. & 30 CMD						
Waste w	ater	Location & area of the STP:	Nea	r existin	g ETP & ar	rea of the ST	P will be	e 50m2		
		Budgetary allocatio (Capital cost):	n 22 la	22 lac						
		Budgetary allocatio (O & M cost):	n 4.5 l	ac/Annu	ım					
	and	-						4		

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		3	86.Solio	d waste Manag	gement				
Waste gen	eration in	Waste gen	eration:	Yes. Debris, construction	n metal, excavated earth	etc.			
the Pre Co and Constr phase:	nstruction ruction	Disposal of construction debris:	f the on waste	Within premises in low l	ying area				
Waste generation in the operation Phase:		Dry waste:		Hazardous Waste: • Discarded containers/barrels= 15000 No/A • Discarded Liners/bags = 5 MT/A • Glass wool = 20 MT/A • Used oil filter nonmetallic = 50 Nos. • Spent resin= 5 KL/A Non hazardous • Coal ash = 10877 MT/A • Wood scrap = 2 MT/A • Waste paper, card board etc. = 5 MT/A • Plastic waste = 1 MT/A • Waste glassware = 1 MT/A • Unusable PVC scrap = 5 MT/A					
		Wet waste:	:	•Hazardous Waste: • Dis for WWT = 380 MT/A • I MT/A • Used/spent oil = KL/Once in 5 years • Us cotton waste = 1 MT/A	stillation residue = 275 MEE Salts = 209 MT/A • 3.201 KL/A • Thermic fl ed/spent catalyst = 200 M	MT/A • Chemical sludge Spent carbon = 158 uid spent oil = 10 KL/A • Oil soaked			
		Hazardous	waste:	Hazardous Waste: • Distillation residue = 275 MT/A • Chemical sludge for WWT = 380 MT/A • MEE Salts = 209 MT/A • Spent carbon = 158 MT/A • Used/spent oil = 3.201 KL/A • Thermic fluid spent oil = 10 KL/Once in 5 years • Used/spent catalyst = 200 KL/A • Oil soaked cotton waste = 1 MT/A • Discarded containers/barrels= 15000 No/A • Discarded Liners/bags = 5 MT/A • Glass wool = 20 MT/A • Used oil filter nonmetallic = 50 Nos • Spent rocin = 5 KL/A					
		Biomedica applicable	l waste (If):	20 Kg/A					
		STP Sludge sludge):	e (Dry	STP sludge will be used as manure within premises					
		Others if a	ny:	• Battery waste = 30 No	$p/A \cdot E \text{ waste} = 1000 \text{ Kg/}$	'A			
		Dry waste:		MPCB authorized party					
		Wet waste:		Disposal through CHWT vendor	SDF / Authorized co-pro	cessors, preprocessor /			
Mode of I	Disposal	Hazardous waste:		Disposal through CHWTSDF / Authorized co-processors, preprocessor /vendor					
of waste:		Biomedical waste (If applicable):		Authorized Biomedical Waste disposal facility.					
		STP Sludg sludge):	e (Dry	Manure for Gardening					
		Others if a	ny:	Sale to authorized dismantlers/Recyclers.					
		Location(s):	Near cooling tower area					
Area requirem	ent:	Area for th of waste & material:	e storage other	Area for the storage of Hazardous waste 667.44 Sq.m.					
		Area for m	achinery:	Not applicable					
Budgetary	allocation	Capital cos	st:	12 Lac					
(Capital co O&M cost)	st and :	O & M cos	t:	1.57 Cr/A					
37.Ef				fluent Charectere	estics				
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			
1	A) ETP T	reatment							
2	Paran	neters	Unit	Inlet To Primary	Inlet to Tertiary	Inlet to RO			
3	Flo	W	CMD	545.7	545.7	545.7			

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4			C 0	0.0		7 -	
4	рн	mg/I 200-250		-8.0	/-/	/.5	/-/.5
5	BOD3,27ºC	mg/L	200-	-250	180-	-230	< 100
6	COD	mg/L	400-	-450	300-	-350	< 150
7	TSS	mg/L	400-	-500	50-3	100	< 100
8	TDS	mg/L	800-	1000	800-2	1000	800-1000
9	B) Reverse Osmosis		-	-	-	-	
10	Parameters	Unit	Inlet	Го RO	Perm	neate	Reject
11	Flow	CMD	54	5.7	43	6.7	109
12	pН		7.0-	-7.5	7.0-	-7.5	7.0-7.5
13	TDS	mg/L	800-	1000	<1	00	4500-5000
14	C) Multiple Effect Evaporators		-	-	-	-	
15	Flow	CMD	1()9	131 (109 + conde	- 22 steam nsate)	
16	pН		7.0-	-7.5	7.0-	-7.5	
17	TDS	mg/L	4500-	-5000	<1	00	
Amount of e (CMD):	effluent generation	545.7			C		
Capacity of	the ETP:	650 CMD (Existing-400	CMD, will b	e upgraded	to 650 CMD))
Amount of treated effluent 591 CMD							
Amount of v	water send to the CETP:	Not Applica	ble, as unit i	s ZLD			
Membershi	p of CETP (if require):	Not applica	ble as unit is	s ZLD			
Note on ET	P technology to be used	Industrial e primary tre Filter (PSF) will be pum will be evap achieve zer co Chemical sh	ffluent inclu atment. Prin) followed by ped to RO. F porated in M. o liquid discl udge for WW	A ctivated C Activated C O permeate EE & conder harge. Salts	tower & Boi waste water arbon Filter will be reuse isate will be from MEE w.	ler blow dow will be pump (ACF). Then ed/recycled t reused/ recy ill be dispose ts = 209 MT	Ans will be treated in ped to Pressure Sand tertiary treated water to utilities. RO reject coled to utilities to ed to CHWTSDF while /A, Spent carbon = 158
						co-processo.	15
		38.Ha	izardous	waste D	Petalls		
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Distillation residue	28.1	MT/A	210*	264	275	CHWTSDF/ co- processor
2	Chemical sludge from WWT	35.3	MT/A	1.5	378.5	380	CHWTSDF
3	MEE Salts	35.3	MT/A		209	209	CHWTSDF
4	Spent carbon from ETP	35.3	MT/A		158	158	CHWTSDF
5	Used/spent oil	5.1 KL/A 0.201			3	3.201	Sale to authorized vendor
6	Thermic fluid spent oil	5.1	KL/once in 5 years	Nil	10	10**	Sale to authorized vendor
7	Ash from incineration	37.2	kg/A	18 kg/A	Nil	Nil***	
8	Discarded containers/barrels	33.1	No/A	1000	14000	15000	Sale to authorized vendor

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9	Discarded Liners/bags	33.1	MT/A	Nil	5	5	Sale to authorized vendor
10	Used/spent catalyst	28.2	KL/A	Nil	200	200	To MPCB authorized vendor/ CHWTSDF
11	Oil soaked cotton waste	5.2	MT/A	Nil	1	1	CHWTSDF
12	Used oil filter non metallic	5.2	Nos./A	Nil	50	50	CHWTSDF
13	Glass wool	Not Specified	MT/A	Nil	20	20	CHWTSDF
14	Spent resin	35.2	KL/A	Nil	5	5	Disposal through CHWTSDF / Authorized co- processors, preprocessor / vendor
15	Other Waste						
16	Batteries	Not Specified	No/A	Nil	30	30	Sale to authorized vendor
17	E waste	Not Specified	T/A	Nil	1		Sale to authorized vendor
18	Non- Hazardous waste				-		
19	Coal ash	Not Specified	MT/A	300	10577	10877	Sale to brick manufacturer/ cement manufacturer/building material/road construction
20	Wood scrap	Not Specified	MT/A	Nil	2	2	sale
21	Waste paper, card board etc.	Not Specified	MT/A	Nil	5	5	sale
22	Plastic waste	Not Specified	MT/A	Nil	1	1	sale to authorized vendor
23	Waste glassware	Not Specified	MT/A	Nil	1	1	sale
24	Unusable PVC scrap	Not Specified	MT/A	Nil	5	5	sale
25	* Distillation residue from existing production of VAM, Allyl Alcohol & n- propyl acetate was 199 MT/A. Now from the proposed product list VAM, Allyl Alcohol & n-propyl acetate have been deleted. Hence, 199 MT/A quantity of existing distillation residue is deleted from total existing quantity.	-					
26	** Thermic fluid spent oil will be generate once in 5 year						



27	***Now incinerator has been demolished. Hence, there will not be generation of ash from incineration								
39.Stacks emission Details									
Serial Number	Section & units	Fuel I Qu	Jsed with antity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	Existing Boiler 10 TPH	Coal	48 TPD	1	34.5 m (combine for existing 8 Lac/Cal Thermopac)	1	142		
2	Existing Boiler 6 TPH x 2 Nos. (1 stand-by & 1 operational)	FO 10 TF 8	D / Propane- TPD	1	32.5 m (Combined stack)	0.9	142		
3	Proposed Boiler 50 TPH	Coal- Propar	240 TPD/ le- 71 TPD	1	52 m (combine for proposed 8 Lac/Cal Thermopac)	2	160		
4	Proposed Boiler 50 TPH (Standby)	Coal- Propar	240 TPD/ le- 71 TPD	1	52 m	2	160		
5	Existing Thermopac (8 Lac Kcal/hr)	Coa	-5 TPD		34.5 m (Combine for 10 TPH existing Boiler stack)	1	142		
6	Proposed Thermopac (8 Lac Kcal/hr)	.Coa	~5 TPD	-	52 m (combine for proposed 50 TPH Boiler)	2	160		
7	Existing Flare 3400 Nm3/Hr	LPG cy ignition purge gas	vlinder for A / Propane S – 0.528 TPD	1	35	0.3	350		
8	Proposed Flare 10500 Nm3/Hr	LPG cy ignition purge gas	vlinder for 1 / Propane 5 – 1.056 TPD	1	35	0.6	350		
9	D.G Set 750 KVA x 3 NOs	HSD- 0. case of	41 KL/Hr in emergency only	3	3.5 M each	0.4 Each	350		
10	Diesel engine driven fire water pump (2 Nos)	HSD - 0 case of	05 KL/Hr in emergency only	2	3.5 M each	0.2	350		
		40. D	etails of l	Fuel to b	e used				
Serial Number	Type of Fuel		Existing		Proposed		Total		
1	Coal		32 TPD		266 TPD		298 TPD		
2	FO		3.5 TPD		6.5 TPD		10 TPD		
3	LPG		4 cylinder/A	1	8 cylinder/A		12 cylinder/A		

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4	Propa ge	ne (in- neratio	house on)		0.528 TPD	0.528 TPD 88.05		88.578 TPD		
5	0	HSD			0.01 KL/Hr		0.45 KL/Hr	0.46 KL/Hr		
41.Source of	f Fuel			Loca	l & Imported	(Coal)				
42.Mode of	Transportat	ion of :	fuel to site	By R	By Road					
					-					
		Tota	RG area	•	55839 Sq.m (33% of total plot area)					
		No of	No of trees to be cut :		Nil	Nil				
43.Gree	n Belt	Number of trees to be planted :		There are a site.	round 3500	nos. of trees and	shrubs already planted at the			
Develop	ment	List o nativ	of propos e trees :	ed						
		Timeline for completion of plantation :		Not applica	Not applicable					
	44.Nu	nbeı	and li	st of t	trees spe	cies to b	e planted ir	the ground		
Serial Number	Name of	the pl	ant	Commo	on Name	Qua	ntity	haracteristics & ecological importance		
1	Not apj	plicabl	e	Not ap	plicable	Not ap	plicable	Not applicable		
45	.Total qua	ntity o	f plants o	n grou	nd					
46.Num	ber and	list	of shru	bs an	d bushes	s species	to be plant	ed in the podium RG:		
Serial Number		Name			C/C Dista	ince		Area m2		
1	Not	applic	able		Not applic	able		Not applicable		
47.Energy										
		Sour supp	ce of pow ly :	er	MSEDCL					
		Durii Phas Load	During Construction Phase: (Demand Load)		150KWH (welding m/c, grinding m/c, drill m/c, concrete mixer, construction lift, power)					
		DG s back cons	DG set as Power back-up during construction phase		Existing DG will be used					
		Durii phas load)	ng Operat e (Conne :	tion ted	existing connected load - 4977 KWh Proposed connected load- 11316 KWh Total connected load- 16293 KWh					
Pov require	ver ement:	Durii phas load)	ng Operat e (Deman :	ion d	Existing demand load-1250 KWh Proposed demand load-4715 KWh Total demand load-5965 KWh					
		Tran	sformer:		Existing Tra no. Total tra	ansformer – ansformer –	3 MVA x 1 no. Pr 3 MVA x 4 no.	oposed transformer- 3 MVA X 3		
		DG s back opera	et as Pow -up durin ation pha	er g se:	Existing DG set 750 KVA x 3 Nos. Proposed DG set - Nil					
		Fuel	used:		HSD consum will not be	mption will l exceed 365	be 0.46 Kl/hr in c KL/A	ase of emergency only, but it		
		Details of high tension line passing through the plot if any:		Not Applicable						
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48.Energy saving by non-conventional method:

Pidilite already installed 1.202 MWP ground mounted solar PV, in two groups one group consists capacity 702 kwP and other group consists capacity 500 kwP. Ground mounted solar PV is covering around 10791 M2 area. The generated power is utilized for plant operation along with MSEDCL power. The total cost is 5.48 Crore.

49.Detail calculations & % of saving:								
Serial Number	Energy Conservation Measures					Saving %		
1		Solar p	power energ	у			1.202 MWP	
		50	.Details	of pollut	ion c	ontrol Syste	ms	
Source	Ex	isting pollu	ition contro	ol system		Pro	posed to be installed	
Air	Multicy	yclone follow adeq	ved by Bag fi uate height	lter& stack o	of		ESP and Stack	
Water		ETP, RC) & Evaporat	or			ETP, RO & MEE	
Noise		Acoustic en	closure for I	DG set				
Solid Waste		Disposa	l to CHWTSI	DF		D	isposal to CHWTSDF	
Budgetary	allocation	Capital co	st:	924 lac				
O&M	cost):	O & M cos	t:	1019 lac/A				
51	.Enviro	onment	tal Mar	nageme	ent p	lan Budg	etary Allocation	
		a)	Construe	c <mark>tion ph</mark> a	nse (v	vith Break-u	ıp):	
Serial Number	Attri	butes	Parameter			Total Cost per annum (Rs. In Lacs)		
1	Dı	ıst	Air Po	lution 1.5		1.5		
2	Del	bris	Solid Waste			1.5		
3	Constr equip	ruction oment	Noise Pollution			0.5		
		b) Operat	ion Phas	e (wi	th Break-up):	
Serial Number	Comp	onent	Descr	iption	Сарі	tal cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)	
1	Air polluti	on control	Provision Sta	of ESP and ack		200	40	
2	Water p con	oollution trol	Multi Evapora Effluent 7 Pla	Effect tor,RO & Freatment ant		680	800	
3	Noise p Con	ollution atrol	Acoustic and re mainte	enclosure egular enance		27	2.5	
4	Occupatio	nal Health	Medical checkup, Health insurance policy, Medical staff charges, First aid facilities, consumables, In-house first aid room, Other infrastructure and Equipment			60	56	
5	Enviror Monitorir	nmental ng Budget	Enviror Moni	nmental toring		5	20	

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6	Hazard Storage	ous waste & disposal	Stor Transport disp	age, cation and 12 osal			157				
7	Green belt Develo		ment & 8 enance 8		8		14				
8	Т	otal	-	-		992		1089.	5		
51.S	torage	e of che	micals	(infla	mabl	e/expl	osive/ha	zardou	s/toxic		
0110				subs	stance	es)					
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		
Propy	lene	Liquefied gas	Bullet		300x3	900	9835	Local	By Road		
Acetic	acid	Liquid	Tank		250x2	500	575	Local	By Road		
Acetic	acid	Liquid	Tank		250	250	750	Local	By Road		
Propylene	e Trimer	Liquid	Tank		200	200	795	Local	By Road		
Propylene	Tetramer	Liquid	Tank		200	200	295	Local	By Road		
			52.A	ny Oth	er Info	rmation					
No Informa	tion Availal	ole									
			53.	Traffic	Manag	gement					
Nos. of the junction to the main road & design of confluence:			e junction in road & e:	Not Applicable							
		Number a basement	nd area of :	Not App	licable						
		Number and area of podia:		Not App	licable						
		Total Parking area:		20624 S	q.m.						
		Area per	Area per car:		Not Applicable						
		Area per	car:	Not Applicable							
Parking details:		Number of Wheelers approved competent authority	Number of 2- Wheelers as approved by competent authority:		Not Applicable						
		Number of Wheelers approved competen authority	f 4- as by t	Not App	licable						
		Public Tr	ansport:	Not App	licable						
		Width of roads (m)	all Internal :	6 m with	turning r	adius of 9m					
		CRZ/ RRZ obtain, if	clearance any:	Not Applicable							



	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries		No such areas within 10 km radius circle.		
	Category schedule Notificat	y as per e of EIA tion sheet	5 (f)		
	Court ca if any	ses pending	Nil		
	Other Re Informat	elevant tions	Nil		
	Have you submitte Applicat on MOE	ı previously ed ion online F Website.	Yes	.62	
	Date of o submissi	online ion	20-07-2018		
		TOR 9	Suggested Chang	jes	
Consolidated Statemer Number	nt Point	(Driginal Remarks	Submitted Changes	
3. Name of Project Pro	ponent	PIDII	LITE INDUSTRIES LTD	Mr. Sagar Jadhav -M/s. PIDILITE INDUSTRIES LTD	
40. Stacks emission D	Details	Serial Number 2 - Section & units Existing Boiler 6 TPH x 2 Nos. (1 stand-by & 1 operational)		Serial Number 2 - Section & units Existing Boiler 6 TPH x 2 Nos. (Both operational)	
52. Environmental Manage Budgetary Allocation b) (Phase	ement Plan Operation	Nil, (Cost of LCA mitigation was not considered in EMP)		Component: Use of renewable energy-Solar power (Mitigation measure as per LCA) Description: Capital Cost RS. In Lacs: 548 Operation and Maintenance Cost (Rs. In Lacs/yr): 8	
52. Environmental Manage Budgetary Allocation b) (Phase	ement Plan Operation	Total Capital Cost RS. In Lacs: 992 Total Operation and Maintenance Cost (Rs. In Lacs/yr): 1089.5		Total Capital Cost RS. In Lacs: 1540 Total Operation and Maintenance Cost (Rs. In Lacs/yr): 1097.5	
52. Storage of chem (inflamable/explosive/haza: substances)	icals rdous/toxic	Description No. 3 : Acetic acid		Description No.3 .: Phenol	
SEAC	DISC	USSION	ON ENVIRONM	ENTAL ASPECTS	
Environmental Impacts of the project	Not Appli	cable			
Water Budget	Not Appli	cable			
Waste Water Treatment	Not Appli	cable			
Drainage pattern of the project	Not Appli	cable			
Ground water parameters	Not Appli	cable			
Solid Waste Management	Not Appli	cable			
Air Quality & Noise Level issues	Not Appli	cable			
Energy Management	Not Appli	cable			

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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
Si	C.A.C.F.N.D.A.OOOOOO

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PP submitted their application for the grant of TOR under category 5(f)B1 and 1(d)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015. The proposal was considered in the 154th meeting of SEAC-1 held on 28.08.2018 where in the proposal was deferred for following reason.

"During deliberations PP informed that they donot intend to go for EC for Thermal Power Plant inspite of their application for the same. In view of above SEAC decided to defer the proposal till PP submits revised information in the consolidated statement for which EC is sought."

Now PP submitted revised Conslidated Statement for EC under category 5(f)B1.

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

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.

Now PP submitted EIA /EMP report for appraisal.

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

DECISION OF SEAC



PP requested to withdraw the application.

As requested by PP, SEAC-1 decided to allow PP to withdraw application and decided to reject the proposal

Specific Conditions by SEAC:

1) PP to bring to the notice of the District Authorities regarding observations in baseline data of ground water at village Nagalwadi, Kalij & karajkhol with respect to the high contents of fluorides in the ground water so that appropriate action can be initiated.

2) PP to include location wise details of ground water level in the Hydrological status of the area.

3) PP to submit compliance of point No. 3(d) of the standard ToR for category 5(f) issued by MoEF&CC.
4) PP to prepare & submit their CER plan prepared in consultation with the District Authority as per OM issued by MEF&CC dated 01.05.2018.

FINAL RECOMMENDATION

SEAC-I have decided to recommend the proposal for rejection subject to above reasons.



Agenda of 205th Meeting of State Level Expert Appraisal Committee-1 (SEAC-1) SEAC Meeting number: 205th (Day-1) Meeting Date September 7, 2021

Subject: Environment Clearance for proposed expansion of Existing Bulk Drugs and Intermediates (API) Manufacturing unit from 160 MT/Yr. to 266.6 MT/Yr. - Application for Grant of ToRs.

Is a Violation Case: No				
1.Name of Project	M/s. CIPLA Ltd. (Unit-I)			
2.Type of institution	Private			
3.Name of Project Proponent	Mr. Mangesh Vaze. (Senior Technical Director)			
4.Name of Consultant	Equinox Environments (India) Pvt. Ltd.			
5.Type of project	Other - Industrial			
6.New project/expansion in existing project/modernization/diversification in existing project	Proposed expansion project of Existing Bulk Drugs and Intermediates (API) Manufacturing unit			
7.1f expansion/diversification, whether environmental clearance has been obtained for existing project Yes, Environmental Clearance (EC) from MoEF, New Delhi dated 05.04.2006. Unit - L Plot No D - 7 & D - 8 MIDC Kurkumbh, Taluka: Daund, District: Pune, State:				
8.Location of the project	Unit - I, Plot No D - 7 & D - 8, MIDC Kurkumbh, Taluka: Daund, District: Pune, State: Maharashtra.			
9.Taluka	Daund			
10.Village	Kurkumbh			
Correspondence Name:	Mr. Mangesh Vaze. (Senior Technical Director)			
Room Number:	Plot No. D-7 & D-8			
Floor:	Ground Floor			
Building Name:	Administration			
Road/Street Name: MIDC Kurkumbh				
Locality:	MIDC Kurkumbh, Taluka: Daund			
City:	Pune			
11.Whether in Corporation / Municipal / other area	Other Area			
	Not Applicable, Since it's an Industrial Project			
Approval Number	IOD/IOA/Concession/Plan Approval Number: Not Applicable			
	Approved Built-up Area: 59652			
13.Note on the initiated work (If applicable)	Not Applicable; No work initiated on site.			
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	The existing Manufacturing Unit of M/s. CIPLA LIMITED (Unit-I) is located in Notified Industrial Area i.e. MIDC Kurkumbh			
15.Total Plot Area (sq. m.)	204976 Sq. M.			
16.Deductions	NA			
17.Net Plot area	204976 Sq. M.			
	a) FSI area (sq. m.): NA			
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): NA			
	c) Total BUA area (sq. m.):			
	Approved FSI area (sq. m.): NA			
DCR	Approved Non FSI area (sq. m.): NA			
	Date of Approval: 01-01-1900			
19.Total ground coverage (m2)	59652			
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	29.10			
21.Estimated cost of the project	190000000			

22.Number of buildings & its configuration

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Serial number	Buildin	ıg Name & number	Number of floors	Height of the building (Mtrs)
1		API-I	2	11.50
2		API-II	2	11
3		API-III	3	14
4		API-IV	4	18
5		API-V	4	18.5
6	В	D FINISHING	2	10.50
7		PHARMA-I	4	16.6
8		PHARMA-II	4	13.14
9	A	PI QC / API QA	3	11.65
10		DP STORE	1	5.5
11		DP STORE	1	4
12		ETP Lab	1	4
13	D-	7 Boiler House	1	7
14	D-	8 Boiler House	2	12
15		Substation	1	5.5
16		Drum Shed	1	8.57
17		Admin	1	4.95
18		Guest house	2	8
19	Eng	g. Office & store	1	8
20]	ETP RO plant	1	5.9
21		Scrap Yard	1	3.5
22		Acid Shed	1	4
23	Fi	inishing Utility	1	4
24		BD-IV Utility	1	8
25	BI	O Change room	1	4
26	Con	ntractor Canteen	1	3.5
27	Ce	ement Godawn	1	3
28		Site Office	1	3
29	С	ontractor Shed	1	3
23.Number tenants an	r of d shops 🔪	NA		
24.Number expected r users	r of esidents /	NA		
25.Tenant per hectar	25.Tenant density per hectare NA			
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 building(s)	25-Meter-wide roads pro	ovided by MIDC. The Fire Station is a	t about 0.5 km from project site.



28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		Internal roads with minimum 6-meter width and 9-meter turning radius.					
29.Existing	J (s) if any	Yes, Existin	g Plant Built up Area - 59	9652 Sq. M.			
30.Details demolition disposal (I applicable	of the with f)	Few equipn	nent's / machineries in ex	isting unit will be replac	ed by new under expansion.		
			31.Product	ion Details			
Serial Number	Pro	duct	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)		
1	Celecoxi Inflam	ib - Anti - matory	5.7	0.0	5.7		
2	Flutic Propiona Inflam	casone te - Anti - matory	0.11	0.0	0.11		
3	Meloxica Inflam	ım - Anti - matory	0.95	0.0	0.95		
4	Beclomethasone Dipropionate - Anti - Inflammatory		0.04	0.0	0.04		
5	Mometasone Furate - Anti - Inflammatory		0.06	0.0	0.06		
6	Budesoni Inflam	de - Anti - matory	0.08	0.0	0.08		
7	Famciclovir - Anti - Retroviral / Anti - Bacterial		0.28	0.0	0.28		
8	Lamivudine - Anti - Retroviral / Anti - Bacterial		0.71	0.0	0.71		
9	Fluconazo Retrovira Bact	ole - Anti - al / Anti - cerial	1.44	0.0	1.44		
10	Pioglit Hydrochlor Dial	tazone ride - Anti - oetic	0.06	0.0	0.06		
11	Nateglini Diał	de - Anti - oetic	0.09	0.0	0.09		
12	Citalo Hydrobron Psyc	opram nide - Anti - hotic	0.3	0.0	0.3		
13	Sertr Hydrochlor Psyc	raline ride - Anti - hotic	0.18	0.0	0.18		
14	Olanzapi Psyc	ne - Anti - hotic	0.033	0.0	0.033		
15	Aripiprazo Psyc	ole - Anti - hotic	0.08	0.0	0.08		
16	Carvedilo	l - Cardiac	0.42	0.0	0.42		

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17	Losartan Potassium - Cardiac	0.13	0.0	0.13
18	Ramipril - Cardiac	0.17	0.0	0.17
19	Salbutamol Sulphate - Bronchodilator	0.59	0.0	0.59
20	Formoterol Fumarate Dihydrate - Bronchodilator	0.009	0.0	0.009
21	Ondansetron Hydrochloride Dihydrate - Anti - Emetic	0.54	0.0	0.54
22	Pamidronate Disodium Pentahydrate - Bone Resorption Inhibitor	0.04	0.0	0.04
23	Alendronate Sodium Trihydrate - Bone Resorption Inhibitor	0.96	0.0	0.96
24	Pramipexole Dihydrochloride Monohydrate - Anti - Parkinson	0.04	0.0	0.04
25	Zolpidem Tartrate - Sedative	0.30	0.0	0.30
26	Rizatriptan Benzoate - Sedative	0.03	0.0	0.03
27	Ciclesonide - Anti - Inflammatory	0.0	0.038	0.038
28	Oseltamivir Phosphate - Anti - Retroviral / Anti - Bacterial	0.0	0.41	0.41
29	Valsartan - Anti - Hypertensive	0.0	0.5520	0.5520
30	Tiotropium Bromide Monohydrate BP/PH EUR - Anti - Hypertensive	0.0	0.0060	0.0060
31	Valganciclovir Hydrochloride - Anti - Retroviral / Anti - Bacterial	0.0	0.2400	0.2400
32	Arformoterol Tartarate - Anti - Asthmatics	0.0	0.0002	0.0002
33	Ondansetron Base - Anti - Emetic	0.0	0.1926	0.1926
34	Zoledronic Acid - Bone Resorption Inhibitor	0.0	0.003	0.003
35	Ibandronate Sodium Monohydrate - Bone Resorption Inhibitor	0.0	0.010	0.010
36	Atazanavir Sulphate - Bone Resorption Inhibitor	0.0	0.2	0.2


37	Risedronate Sodium Hemipentahydrate USP - Bone Resorption Inhibitor	0.0	0.20	0.20
38	Cinacalcet Hydrochloride - Hyperparathyroidism	0.0	1.20	1.20
39	Entecavir Monohydrate - Anti - Viral	0.0	0.004	0.004
40	Dabigatran Etexilate Mesylate - Anti - Viral	0.0	0.107	0.107
41	Raloxifene Hydrochloride - Anti - Viral	0.0	0.7400	0.7400
42	Indacaterol Maleate - Anti - Viral	0.0	0.0060	0.0060
43	Selexipag - Anti - Viral	0.0	0.0003	0.0003
44	Eluxadoline - Anti - Viral	0.0	0.0006	0.0006
45	Bictegravir - Anti - Viral	0.0	0.0060	0.0060
46	Bethanechol Chloride - Anti - Viral	0.0	0.388	0.388
47	Sacubitril - Anti - Viral	0.0	1.3	1.3
48	Mebendazole - Anti- Helmintic	0.0	0.4200	0.4200
49	Alosetron Hydrochloride - Anti- Helmintic	0.0	0.005	0.005
50	Albendazole - Anti- Helmintic	0.0	0.2700	0.2700
51	Venlafaxine - Anti - Depressant	0.0	2.0000	2.0000
52	Ibrutinib - Oncology	0.0	0.0020	0.0020
53	Sorafenib Tosylate III - Oncology	0.0	0.0040	0.0040
54	Palbociclib - Oncology	0.0	0.0014	0.0014
55	Everolimus Premix - Oncology	0.0	0.0010	0.0010
56	Osimertinib Mesylate - Oncology	0.0	0.0003	0.0003
57	Lenvatinib Mesylate - Oncology	0.0	0.00002	0.00002
58	Pomalidomide - Oncology	0.0	0.0003	0.0003
59	Pazopanib HCl - Oncology	0.0	0.0050	0.0050
60	Axitinib - Oncology	0.0	0.0050	0.0050
61	Abiraterone Acetate - Oncology	0.0	0.0050	0.0050
62	Dasatinib - Oncology	0.0	0.0027	0.0027
63	Carfilzomib - Oncology	0.0	0.0003	0.0003
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64	Estramustine - Oncology	0.0	0.1663	0.1663					
65	Everolimus - Oncology	0.0	0.0010	0.0010					
66	Exemestane Stage-I - Oncology	0.0	0.0173	0.0173					
67	Nilotinib Hydrochloride - Oncology	0.0	0.0028	0.0028					
68	Pemetrexed Hepta Hydrate - Oncology	0.0	0.0020	0.0020					
69	Regorafenib - Oncology	0.0	0.0018	0.0018					
70	Ruxolitinib Phosphate - Oncology	0.0	0.0020	0.0020					
71	Tegafur - Oncology	0.0	0.0020	0.0020					
72	Vinblastine Sulfate - Oncology	0.0	0.0020	0.0020					
73	Vincristine Sulfate - Oncology	0.0	0.002	0.002					
74	Etoposide - Oncology	0.0	0.002	0.002					
75	Capecitabine - Oncology	0.0	0.002	0.002					
76	Cisplatin - Oncology	0.0	0.001	0.001					
77	Carboplatin - Oncology	0.0	0.002	0.002					
78	Oxaliplatin - Oncology	0.0	0.002	0.002					
79	R & D Product	0.0	0.05	0.05					
80	Tablets (FDA approved)	2000 Million Nos./Year	0.0	2000 Million Nos./Year					
81	Capsules (FDA approved)	170 Million Nos./Year	0.0	170 Million Nos./Year					
82	Soft Gelatin Products (FDA approved)	21.2 Million Nos./Year	0.0	21.2 Million Nos./Year					
83	Suppositories and Oral Paste (FDA approved)	12 Million Nos./Year	0.0	12 Million Nos./Year					
84	Sachets (FDA approved)	85 Lakhs Nos./Year	0.0	85 Lakhs Nos./Year					
85	Loteprednol Etabonate - Anti - Inflammatory	0.04	0.00	0.04					
	32.Total Water Requirement								

32.10tal water Requirement



		Source of wa	ter	MIDC Water Supply Scheme - The MIDC procures water from Victoria Dam and after treatment the same is provided to different industries in the MIDC.							
		Fresh water	(CMD):	894							
		Recycled wat Flushing (CM	er - 1D):	296 (In Cooling Makeup)							
Dry season:		Recycled wat Gardening (C	er - CMD):	NA							
		Swimming po make up (Cu	ool m):	NA							
		Total Water Requirement :	: (CMD)	1190							
		Fire fighting Underground tank(CMD):	- I water	1350				6			
		Fire fighting Overhead wa tank(CMD):	- ter	1350			N	F			
		Excess treate	ed water	Not applical	ble						
		Source of water		MIDC Water Dam and aft the MIDC.	r Supply Scher er treatment t	ne - The M he same is	IIDC procure s provided to	s water from V different indus	'ictoria stries in		
		Fresh water	(CMD):	859							
		Recycled wat Flushing (CM	er - 1D):	296 (In Cooling Makeup)							
		Recycled water - Gardening (CMD):		NA							
Wet seasor	1:	Swimming pool make up (Cum):		NA							
		Total Water Requirement (CMD) :		1155							
		Fire fighting Underground tank(CMD):	- I water	1350							
		Fire fighting Overhead wa tank(CMD):	- ter	1350							
		Excess treate	ed water	Not applicable							
Details of 9 pool (If any	Swimming y)	Not Applicable	e	•							
	5	33	.Detail	s of Tota	l water co	nsume	d				
Particula rs	Cons	umption (CM	D)	I	Loss (CMD)		Efi	luent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	70	0.0	70	10	0.0	10	60	0.0	60		
Industrial Process	215	38	253	28	2	30	187	36	223		
Gardening	30	5	35	30	5	35	0.0	0.0	0.0		

agentimes			Bukami
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Cooling tower & thermopa ck	684	148	832	628	136	764	56	12	68		
		Level of the G water table:	Ground	Pre-Monsoo	n - 2.00 to 5.00) mbgl Pos	st-Monsoon -	< 2.00 mbgl			
		Size and no of RWH tank(s) and Quantity:		3 Nos., Appi	cox 415 KL						
		Location of t tank(s):	he RWH	Pharma shipper store side, BD-III near, D-8 Boiler							
34.Rain V Harvestin	Water ng	Quantity of r pits:	echarge	NA				0.			
(RWH)	5	Size of recha :	rge pits	NA				6			
		Budgetary al (Capital cost	location) :	NA							
		Budgetary al (O & M cost)	location :	NA							
		Details of UG if any :	GT tanks	As Above							
		Natural wate drainage pat	r tern:	Dendritic Pa	ittern						
drainage	water	Quantity of s water:	torm	5800 M							
		Size of SWD:		2 Ft. x 3 Ft.							
		Sewage gene in KLD:	ration	60							
		STP technolo	ogy:	There is no provision of STP on site. The domestic sewage is treated in existing ETP and same would be followed under expansion.							
Sewage	and	Capacity of S (CMD):	TP	NA							
Waste w	vater	Location & a the STP:	rea of	NA							
		Budgetary al (Capital cost	location):	NA							
	C Y	Budgetary al (O & M cost)	location :	NA							
	5	36	6.Soli	d waste	Manage	emen	t				
		Waste genera	ation:	NA							
Waste gen the Pre Co and Constr phase:	eration in nstruction ruction	Disposal of the construction debris:	he waste	No Major construction would be done since most of infrastructure would be used from existing unit. In existing premises, only few equipment's and machinery would be installed as per requirement. Once the construction gets over, the entire excess soil, if any, would be utilized through proper landscaping in the premises of the industry.							



		Dry v	vaste:		Plastic, Glass, Wooden, Metal Scrap (MT/Yr) - Existing - 250, Expansion - 150, Total - 400, 2. Ash - (MT/D) - Existing - 3.28, Expansion - 0.20, Total - 3.48. 3. Battery Waste - (MT/Yr) - Existing - 2.0, Expansion - 1.0, Total - 3.0, 4. E-Waste - (MT/Yr) - Existing - 2.0, Expansion - 1.0, Total - 3.0, 5. Biomedical Waste - (g/M) - Existing - 200 , Expansion - 0, Total - 200					
		Wet	waste	:	NA					
Waste generation in the operation Phase:		Haza	rdous	waste:	1. Cat. No. 5.1 - Used / Spent Oil - (Lit/M) - Existing - 400, Expansion - 200, Total - 600, 2. Cat. No. 28.6 - Spent Solvents - (KL/M) - Existing - 905, Expansion - 603, Total - 1508, 3. Cat. No. 28.2 - Spent Catalyst + Cat. No. 28.3 - Spent Carbon - (kg/M) - Existing - 500, Expansion - 300, Total - 800, 4. Cat. No. 28.5 - Date-Expired, discarded drug / medicines/ chemicals + Cat. No. 28.4 - Off-specification drug / medicines/chemicals					
		Biom appli	edica cable	l waste (If):	200 g/M					
		STP 9 sludg	Sludg Je):	e (Dry	NA					
		Othe	rs if a	ny:	NA					
		Dry v	vaste:		Sale to Authorized Party					
		Wet waste:		:	NA					
Mode of Disposal of waste:		Hazardous waste:		waste:	Sale to Authorized Party (Membership No MEP) processing	y / Sale to Authorized Re L/CPC012 - Valid up to 2	eprocessor / CHWTSDF 23.08.2022) / Co			
		Biom appli	edica cable	l waste (If):	(Membership No SRO PUNEI/BMW_AUTH/1712000268; Valid up to 31.12.2022)					
		STP 9 sludg	Sludg je):	e (Dry	NA					
		Othe	rs if a	ny:	NA					
		Locat	tion(s):	NA					
Area requirem	ent:	Area for the storage of waste & other material:		e storage other	NA					
		Area for machinery:		achinery:	NA					
Budgetary	allocation	Capit	tal cos	st:	NA					
(Capital co O&M cost)	st and :	0&1	M cos	t:	NA					
		C		37.Ef	fluent Charecter	estics				
Serial Number	Paran	neters		Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			
1	ВС	DD		mg/lit	1136	16	100			
2	CC	DD		mg/lit	4362	88	250			
3	TI	DS		mg/lit	1582	293	2100			
4	р	Н			5.81	6.70	5.5-9.0			
5	S	S		mg/lit	113	2	100			
Amount of e (CMD):	effluent gene	eration		351						
Capacity of	the ETP:			400						
Amount of t recycled :	reated efflue	ent		296						
Amount of v	vater send to	o the C	ETP:	NA						
Membership	o of CETP (if	f requi	re):	NA						
Membership of CETP (if require): NA Abhay Pimparkar (Secretary SEAC-I) SEAC Meeting No: 205th (Day-1) Meeting Date: Page 149 September 7, 2021 of 160						Date: Page 149 of 160 SEA	y Kulkarni (Chairman C-I)			

Note on ET	P technology to be used	The trade effluent generated would be the tune of 351 CMD whereas domestic effluent generated would be the tune of 60 CMD after proposed expansion. The effluent generated after expansion activities would be segregated into two streams viz. Stream I (Low TDS and Low COD Effluent) and Stream II (High TDS and High COD Effluent). Stream I effluent would be treated in an existing ETP comprising of Primary, Secondary & Tertiary treatment whereas Stream II effluent would be treated through MEE and VTFD							
Disposal of	the ETP sludge	Salts from I Treatment, disposal.	Salts from MEE and ETP sludge is forwarded to Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF), Ranjangaon, Pune for final disposal.						
38.Hazardous Waste Details									
Serial Number	Description	Cat	Cat UOM Existing Proposed Total Metho						
1	Used / Spent oil	Cat.:5.1	Lit/M	400	200	600	Sale to Authorized Party		
2	Spent Solvents	Cat.: 28.6	KL/M	905	603	1508	Sale to Authorized Party		
3	Spent Catalyst + Spent Carbon	Cat.: 28.2 + Cat.: 28.3	Kg/M	500	300	800	CHWTSDF / Co processing/Sale to Authorized Reprocessor + CHWTSDF / Co processing		
4	Date-Expired, discarded drug / medicines/ chemicals + Off-specification drug / medicines / chemicals	Cat.: 28.5 + Cat.: 28.4	MT/M	5	3	8	CHWTSDF / Co processing + CHWTSDF / Co processing		
5	Discarded Container, Barrels / liners used for Hazardous Waste / Chemicals	Cat.:33.1	Nos./M	400	200	600	Sale to Authorized Party		
6	Chemical Sludge from Waste Water Treatment + Sludge from MEE system + Sludge from wet scrubber + Spent mother liquor	Cat.: 35.3	MT/M	36.50	41.50	78.00	CHWTSDF / Co processing		
		39.S t	acks em	ission Do	etails				
Serial Number	Section & units	Fuel Us Qua	ed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	Thermopack (2 Lac kcal/Hr)	HS	SD	1	30	0.6	99		
2	Boiler 2 Nos. (3000 kg/Hr) (Stand by)	F	0	1 (common)	30	0.6	165		
3	Boiler (8000 kg/Hr)	Biomass H Co	Briquette / bal	1	30	0.8	160		
4	DG Set 4 Nos. (1250, 1250, 1250 and 1500 KVA)	HS	SD	4	7.5, 7.5, 7.5 and 14.71 ARL	0.41,0.41, 0.75	160		
5	Scrubber - SBR 01 (API - 1)	Water/	'NAOH	SBR 01	2.5	0.1			



6	Scrubber - SBR (API - 1)	02	Water/NAOH	SBF	R 02	2.5	0	.1	
7	Scrubber - SBR (API - 1)	03 ,	Water/NAOH		R 03	10	0	.1	
8	Scrubber - SBR (API - 2)	05 ,	Water/NAOH	SBF	R 05	11	0	.5	
9	Scrubber - SBR ((API - 2)	09	Water/NAOH	SBF	R 09	11	0	.3	
10	Scrubber - SBR ((API - 3)	06	Water/NAOH	SBF	R 06	14.5	0	.5	
11	Scrubber - SBR 2 (API - 3)	22	Water/NAOH	SBF	R 22	15	0	.5	
12	Scrubber - SBR ((API - 4)	07	Water	SBF	R 07	12	0	.5	
13	Scrubber - SBR ((API - 4)	08	Water	SBF	R 08	11.3	0	.5	
14	Scrubber - SBR (API - 4)	14	Water	SBF	R 14	11.5	0	.5	
15	Scrubber - SBR (API - 4)	15	Water	SBF	R 15	11.5	0	.5	
16	Scrubber - SBR (API - 5)	19	Water/NAOH	SBF	R 19	10.5	0	.5	
17	Scrubber - SBR 2 (API - 5)	20 ,	Water/NAOH	SBF	R 20	10.5	0	.5	
18	Scrubber - SBR 2 (API - 5)	21 ,	Water/NAOH	SBF	21	10.5	0.5		
19	Scrubber - SBR 17 & D)	7 (R	Water/NAOH	SBF	R 17	2.5	0	.3	
20	Scrubber - SBR ((Deactivation boot ETP)	04 :h of	Water	SBF	R 04	5.25	25 0.3		
21	Scrubber - SBR (Pharma - I)	10	Water		BR 10 2		0.3		
22	Scrubber - SBR (Pharma - I)	11	Water	SBF	BR 11 3.5		0.3		
23	Scrubber - SBR (Pharma - I)	12	Water	SBF	R 12	2.2	0.3		
24	Scrubber - SBR ((Pharma - I)	13	Water	SBF	R 13	2.2	0	.3	
25	Scrubber - SBR 2 (Pharma - I)	23	Water	SBF	23	2.5	0	.3	
26	Scrubber - SBR ((Pharma - II)	16	Water	SBF	R 16	2.2	0	.3	
		40	0.Details of F	uel ⁻	to be	e used			
Serial Number	Type of Fu	ıel	Existing			Proposed			Total
1	HSD (Thermo	pack)	5 KL / M			0.00			5 KL / M
2	FO (Boile	r)	4.5 KL / Day			0.00			4.5 KL / Day
3	Biomass Briquet (Boiler)	te / Coal	34 MT / Day / 28. / Day	8 MT		0.00		34 M	T / Day / 28.8 MT / Day
4	HSD (DG S	let)	24 KL / M			0.00			24 KL / M
41.Source of	of Fuel		From Local Vendo	ors (In	dian O	il Corporati	ion Ltd	.)	
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42.Mode of Transportation of fuel to site Through Trucks By Road								
		Total RG a	rea :	70943.12 m	12 (7.09 Ha)	i.e. 34.61 %	of the plot area	
		No of trees	s to be cut	Not Applicable, since no tree will be cut for expansion				
43.Gree	n Belt	Number of trees to be planted :		10641				
Development List of proposed native trees : Timeline for completion of plantation :		List of prog native tree	posed es :	List of trees	s as below			
		or 1 of :	5 Years					
	44.Nu	mber and	l list of t	rees spe	cies to b	e plante	d in the ground	
Serial Number	Name of	the plant	Commo	n Name	Quar	ntity	Characteristics & ecological importance	
1	Azadirac	hta indica	Ne	em	11	31	Native, evergreen, fast growing, tolerant	
2	Dalberg	ia sissoo	Shisav,	Shisham	34	18	Native, evergreen, tolerant	
3	Mimuso	Mimuso pselengi Bal		kul	31	.7	Native, ornamental, host plant for bees and butterflies.	
4	Pongami	ongamia pinnata Kar		ranj	347		Pollution tolerant	
5	Acacia	acia Catechu Kh		air	78	34	Native and pollution resistant	
6	Tectona	tona grandis Sa		ag	78	36	Native and pollution resistant	
7	Ficus ra	us racemosa Um		lbar	78	34	Native, evergreen, fast growing, pollution tolerant	
8	Cassia	fistula	Bah	iava	ava 316		Native, ornamental, host plant for bees and butterflies.	
9	Gmelina	arborea	Shi	van	784		Native and pollution resistant	
10	Pithecello	biumdulce	Wilayati	i Chinch	Chinch 347		Native, ornamental, host plant for bees and butterflies.	
11	Alstonia	scholaris	Sapta	parni	parni 317		Native, evergreen, higher dust settling index	
12	Swietenia	mahogani	Maho	ogani	34	19	Native, evergreen, higher dust settling index	
13	Aegle m	narmelos	В	el	78	34	Native and pollution resistant	
14	Holigarna	a grahamii	Ran I	Bibba	34	17	Native and pollution resistant	
15	Ficus ma	ncrocarpa	Nan	druk	78	34	Native and pollution resistant	
16	Melia az	zedarach	Lim	bara	78	35	Native and pollution resistant	
17	Bauhinia	racemosa	Ap	ota	34	ŀ7	Native and pollution resistant	
18	Neolar cada	narckia amba	Kad	amb	35	50	Native, Evergreen tree	
19	Lagers spec	troemia ciosa	Tam	ihan	31	.6	Native, State flower of Maharashtra	
20	Polyalthia	longifolia	Ash	loka	31	8	Air pollution absorbing species	
45	5.Total qua	ntity of plan	its on grou	nd				
46.Num	nber and	list of sl	nrubs an	d bushes	s species	to be pl	anted in the podium RG:	
Serial Number		Name		C/C Distance Area m2				

approximation			Bulkami
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1		NA		0		0			
	47.Energy								
		Source of power supply :		Maharashtra State E	Elect	ricity Distribution Company Limited (MSEDCL)			
		During Construc Phase: (Demand Load)	tion	As per requirement					
Power requirement:		DG set as Power back-up during construction pha	ise	As per requirement					
		During Operation phase (Connecte load):	n d	The average power supply required to the tune of 75000 KW Hr / for the existing unit, presently taken from Maharashtra State Elec Distribution Company Limited (MSEDCL) and the same would be source for the proposed expansion activities. The average power s required to the tune of 5000 KW Hr / Day for the proposed expans activities.					
		During Operation phase (Demand load):	n	The average power supply required to the tune of 75000 KW Hr / Day for the existing unit, presently taken from Maharashtra State Electric Distribution Company Limited (MSEDCL) and the same would be the source for the proposed expansion activities. The average power supp required to the tune of 5000 KW Hr / Day for the proposed expansion activities.					
		Transformer:		NA					
		DG set as Power back-up during operation phase:	:	1250, 1250, 1250 and 1500 KVA					
		Fuel used:		HSD					
		Details of high tension line pass through the plot any:	ing if	NA					
		48.Energy s	saviı	ng by non-conv	en	tional method:			
1.M/s. Cipla installations 2.Use of Gre	Ltd., Unit - of solar ligi en Solvents	I have already insta ht lamps are in proc s.	alled 1 cess.	10 numbers of solar li	ght	lamps having 28 watt capacity. All future			
		49.De	tail	calculations &	%	of saving:			
Serial Number	E	nergy Conservatio	on Me	easures		Saving %			
1		Solar light la	amps			NA			
		50.Deta	ails (of pollution co	ntr	rol Systems			
Source	47	Existing pollution	ont cont	rol system		Proposed to be installed			
Air Pollution Control	n	Stacks, So	crubbe	er		Stacks, Scrubber			
Water Pollution Control		Effluent Treatment	Plant	(ETP), ZLD		Effluent Treatment Plant (ETP), ZLD			
Noise Pollution Control		Noise Level M	lanage	ement		Noise Level Management			
Environment Managemen Plan and Monitoring	al It Enviro	onmental Manageme	ent Pla	an and Monitoring	Environmental Management Plan and Monitoring				



Green Belt Development Green		Belt Development			Green Belt Development					
Budgetary allocatio		Capital cost:		NA						
(Capital cost and O&M cost):		O & M cost:		NA						
51.Environmental Management plan Budgetary Allocation										
	a) Construction phase (with Break-up):									
Serial Number	Attr	ibutes	Para	Parameter Total Cost per annum (Rs. In Lacs)			acs)			
1 NA		Ň	NA			NA				
		k) Operat	ion Pł	nase (wi	th Brea	k-up):			
Serial Number Component		Description		Capital cost Rs. In Lacs		Operational and Maintenance cost (Rs. in Lacs/yr)				
1	Air Pollution Control (APC) APC equipm Bag Filter to boiler v		nent's lil & Cyclo with Stac	ke - ne ck	e - 170		15			
2	Water Contre	Water Pollution Control (WPC) ETP, Online Monitoring System ETP		Online g System TP	to	1000		160		
3	Noise Contr	Pollution ol (NPC)	Noise Manag	Noise Level 25 Management 25		S	0.5			
4	Occupati and	onal Health Safety	Occupatio and S	Occupational Health and Safety		25 15				
5	5 Environmental Environ Management Plan and Managemen Monitoring Monit		imental nt Plan and coring			5				
6	Green Belt Development		Gree Develo	Green Belt Development		25			5	
7	Air Pollution Control (APC) - Under expansion		Installation of APC Equipment - Scrubber		20		2			
8	Green Belt Development - Under expansion		Gree: Develo	n Belt 5 pment 5			1			
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)										
Description Status		Locatio	Storage Capacity in MT		Maximum Quantity of Storage at any point of time in MT	Consum / Mont MT	ption h in	Source of Supply	Means of transportation	
Absolute Alcohol		Liquid	Acid Stor	·e 0.4		0.04	0.8		Indigenous	By Road
SPDS		Liquid	Tank far	m 30		20	5		Indigenous	By Road
MD	C	Liquid	Tank far	rm 20		18	16		Indigenous	By Road
Metha	anol	Liquid	Tank far	m 75		70	50		Indigenous	By Road
Tolue	ene	Liquid	Tank far	m	40	38	30		Indigenous	By Road
Ethyl A	cetate	Liquid	Tank far	m	50	46	42		Indigenous	By Road
Acete	one	Liquid	Tank far	m	40	35	25		Indigenous	By Road

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IPA	Liquid	Tank farr	n	40	37	35	Indigenous	By Road
52.Any Other Information								
No Information Available								
		53.	Traf	fic Mana	gement			
	Nos. of the junction to the main road & design of confluence:							
	Number and area of basement:		NA					
	Number and area of podia:		NA					
	Total Parking area:		5924	m2 (10% of	Total Area)			
	Area per car:		NA				-0	
	Area per car:		NA					
Parking details:	Number of 2- Wheelers as approved by competent authority:		NA			00		
	Number of 4- Wheelers as approved by competent authority:		NA					
	Public Transport:		NA					
	Width o roads (n	f all Internal n):	¹ 6 M					
	CRZ/ RRZ clearance obtain, if any:							
	Distance Protecte Criticall areas / I areas/ in boundar	e from ed Areas / ly Polluted Eco-sensitive nter-State ries	NA					
Category as per schedule of EIA Notification sheet		As pe 14.09 25.06 5 (f).	r the provisi .2006 and an .2014, the p	on of "EIA N mendments t roposed proj	otification N hereto vide ect comes u	Io. S.O. 1533 (E) Notification date nder 'Category -	" dated ed B1' Item No.	
Court cases pending if any			No any court case					
Other Relevant Informations			Application in the prescribed online format of 'FORM-1' along with the requisite documents is submitted herewith for grant ToRs.					
Have you previously submitted Application online on MOEF Website.								
	Date of submiss	online sion	-					
TOR Suggested Changes								

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Consolidated Statement Point Number	Original Remarks	Submitted Changes		
3	Mr. Bhagwan Gawali (Director)	Mr. Mangesh Wajhe (Sr. Technical Director)		
6	Proposed expansion and modernization project of Existing Bulk Drugs and Intermediates Manufacturing Unit	Proposed expansion project of Existing Bulk Drugs and Intermediates Manufacturing Unit		
21	130400000	190000000		
32	Dry and Wet Season: Fresh water - 788 CMD, Recycled Water - 320 CMD, Total water requirement - 1108 CMD	Dry and Wet Season: Fresh water - 478 CMD, Recycled Water - 331 CMD, Total water requirement - 809 CMD		
33	(1) Domestic Consumption: Existing (84 CMD), Proposed (0 CMD), Total (84 CMD).	(1) Domestic Consumption: Existing (65 CMD), Proposed (0 CMD), Total (65 CMD).		
33	Domestic Loss: Existing (6 CMD), Proposed (0CMD), Total (6 CMD),	Domestic Loss: Existing (5 CMD), Proposed (0CMD), Total (5 CMD)		
33	Domestic Effluent: Existing (78 CMD), Proposed (0 CMD), Total (78 CMD).	Domestic Effluent: Existing (60 CMD), Proposed (0 CMD), Total (60 CMD).		
33	Industrial Process: Existing (118 CMD), Proposed (56 CMD), Total (174 CMD).	Industrial Process: Existing (181 CMD), Proposed (38 CMD), Total (219 CMD).		
33	Industrial Process Loss: Existing (0 CMD), Proposed (0CMD), Total (0 CMD)	Industrial Process Loss: Existing (0 CMD), Proposed (0 CMD), Total (0 CMD)		
33	Industrial Process Effluent: Existing (148 CMD), Proposed (95 CMD), Total (243 CMD).	Industrial Process Effluent: Existing (190 CMD), Proposed (56.5 CMD), Total (246.5 CMD).		
33	Gardening: Existing (30 CMD), Proposed (30 CMD), Total (60 CMD).	Gardening: Existing (30 CMD), Proposed (5 CMD), Total (35 CMD).		
33	Gardening Loss: Existing (0 CMD), Proposed (0CMD), Total (0 CMD)	Gardening Loss: Existing (30 CMD), Proposed (5CMD), Total (35 CMD)		
33	Gardening Effluent: Existing (0 CMD), Proposed (0 CMD), Total (0 CMD)	Gardening Effluent: Existing (0 CMD), Proposed (0 CMD), Total (0 CMD)		
33	Cooling Tower & Thermopack Consumption: Existing (415 CMD),Proposed (375 CMD), Total (790 CMD).	Cooling Tower & Thermopack Consumption: Existing (460 CMD), Proposed (25 CMD), Total (485 CMD).		
33	Cooling Tower & Thermopack Loss: Existing (373.5 CMD), Proposed (337.5CMD), Total (711 CMD)	Cooling Tower & Thermopack Loss: Existing (440 CMD), Proposed (22 CMD), Total (457.5 CMD)		
33	Cooling Tower & Thermopack Effluent: Existing (41.5 CMD), Proposed (37.5 CMD), Total (79 CMD).	Cooling Tower & ThermopackEffluent: Existing (20 CMD), Proposed (3.0 CMD), Total (27.5 CMD).		
34	Size and no of RWH tank(s) and Quantity : The details of rainwater harvesting will be incorporated in EIA report.	Size and no of RWH tank(s) and Quantity : Rainwater Harvesting system is in place at site		
37	Waste Generation in Operation Phase: Dry Waste: (1) Plastic Scrap, Glass scrap, wooden scrap, metal scrap and (2) Ash	Waste Generation in Operation Phase: Dry Waste: (1) Plastic Scrap, Glass scrap, wooden scrap, metal scrap (400 MT/Yr.) and (2) Ash (1.75 MT/D), (3) Battery Waste (3 MT/Yr.), (4) E-Waste (3 MT/Yr.)		
37	Waste Generation in Operation Phase: Biomedical Waste(if applicable): NA	Waste Generation in Operation Phase: Biomedical Waste (if applicable): Biomedical Waste (200 g/M)		
37	Mode of Disposal of waste: Dry Waste: Sale to Authorized Party, Sale to Brick Manufacturers/land	Mode of Disposal of waste: Dry Waste: Sale to Authorized Party, Sale to Brick Manufacturers/land, Sale to Authorized Reprocessor		



37	Mode of Disposal of waste: Biomedical Waste(if applicable): NA	Mode of Disposal of waste: Biomedical Waste (if applicable): Biomedical Disposal Facility			
38	Amount of effluent generation (CMD): 400 CMD	Amount of effluent generation (CMD): 334 CMD			
38	Amount of treated effluent recycled: 320 CMD	Amount of treated effluent recycled: 331 CMD			
39	Chemical Sludge from wastewater treatment: Cat.:35.3, UOM:MT/M, Existing: 1.5, Proposed: 18.5, Total: 20. Method of Disposal: CHWTSDF	Chemical Sludge from wastewater treatment: Cat.:35.3, UOM:MT/M, Existing: 36.5, Proposed: 41.5, Total: 78. Method of Disposal: CHWTSDF			
39	Sludge from wet scrubber: Cat.:37.1, UOM: MT/M, Existing: 5, Proposed: 3, Total: 8. Method of Disposal: CHWTSDF	To be deleted from this section			
39	Sludge from MEE System: Cat.:35.4, UOM: MT/M, Existing: 30, Proposed: 20, Total: 50. Method of Disposal: CHWTSDF	To be deleted from this section			
39	Spent Solvent: Cat.: 28.6, UOM:KL/M, Existing: 150, Proposed: 200, Total: 350. Method of Disposal: CHWTSDF	Spent Solvent: Cat.: 28.6, UOM: KL/M, Existing: 155, Proposed: 203, Total: 358. Method of Disposal: CHWTSDF			
39	Spent Organic Solvents: Cat.: 28.6, UOM:KL/M, Existing: 5, Proposed: 3, Total: 8. Method of Disposal: Sale to Authorized Party	To be deleted from this section			
39	Spent Catalyst/Spent Carbon: Cat.: 28.3, UOM:Kg/M, Existing: 500, Proposed: 300, Total: 800. Method of Disposal: CHWTSDF	Spent Catalyst: Cat.: 28.2, UOM: Kg/M, Existing: 250, Proposed: 150, Total: 400 Method of Disposal: CHWTSDF			
39	Spent Catalyst/Spent Carbon: Cat.: 28.3, UOM:Kg/M, Existing: 500, Proposed: 300, Total: 800. Method of Disposal: CHWTSDF	Spent Carbon: Cat.: 28.3, UOM: Kg/M, Existing: 250, Proposed: 150, Total: 400 Method of Disposal: CHWTSDF			
39	Date expired, Discarded and Off-specification drugs: Cat.: 28.5, UOM:MT/M, Existing: 5, Proposed: 3, Total: 8. Method of Disposal: CHWTSDF	Date expired and Discarded drugs: Cat.: 28.5, UOM:MT/M, Existing: 2.5, Proposed: 1.5, Total: 4 Method of Disposal: CHWTSDF			
39	Date expired, Discarded and Off-specification drugs: Cat.: 28.5, UOM:MT/M, Existing: 5, Proposed: 3, Total: 8. Method of Disposal: CHWTSDF	Off-specification drugs: Cat.: 28.4, UOM:MT/M, Existing: 2.5, Proposed: 1.5, Total: 4. Method of Disposal: CHWTSDF			
39	Spent Mother Liquor: Cat.: 28.1, UOM:M3/dilution with water/M, Existing: 750, Proposed: 400, Total: 1150. Method of Disposal: MEE	To be deleted from this section			
40	Sr. No.4: D.G. Set (1250 KVA)	Sr. No.4: D.G. Set (1250 KVA - 3 Nos.)			
44	Green Belt Development: Number of trees to be planted: Proposed Green Belt Area -12298.6 Sq.M. (6% of total plot area). The list of trees to be planted under expansion will be incorporated in EIA report.	Green Belt Development: Number of trees to be planted: Proposed Green Belt Area -16398.08 Sq.M. (8% of total plot area). The list of trees to be planted under expansion will be incorporated in EIA report.			
52 (b)	(1) Air Pollution Control - Boiler Capital cost Rs. In Lacs - 43 O & M cost Rs. In Lacs - For all component the O&M cost would be 450 lacs/year	 (1) Air Pollution Control - Installation of APC equipment - stack, scrubbers Capital cost Rs. In Lacs - For Existing - 170 For Expansion - addition of one scrubber - 20 Total capital cost Rs. In Lacs - 190 O & M cost Rs. In Lacs - For Existing - 15 For Expansion -2 Total O & M cost Rs. In Lacs - 17 			
52 (b)	(2) Water Pollution Control - ETP Capital cost Rs. In Lacs - 400 O & M cost Rs. In Lacs - As above mentioned	(2) Water Pollution Control - ETP, Online Monitoring of ETP (Existing) Capital cost Rs. In Lacs - 1000 O & M cost Rs. In Lacs - 160			



52 (b)	(3) Noise Pollution Control - Noise level Management Capital cost Rs. In Lacs - 16 O & M cost Rs. In Lacs - As above mentioned	(3) Noise Pollution Control - Noise level Management (Existing) Capital cost Rs. In Lacs - 25 O & M cost Rs. In Lacs -0.50
52 (b)	(4) Environmental Monitoring & Management - Environmental Monitoring & Management Capital cost Rs. In Lacs - 2 O & M cost Rs. In Lacs - As above mentioned	 (4) Environmental Monitoring & Management - Environmental Monitoring & Management (Existing) Capital cost Rs. In Lacs O & M cost Rs. In Lacs - 5
52 (b)	(5) Occupational Health Safety - Occupational Health Safety Capital cost Rs. In Lacs - 1 O & M cost Rs. In Lacs - As above mentioned	(5) Occupational Health & Safety - Occupational Health & Safety (Existing) Capital cost Rs. In Lacs - 25 O & M cost Rs. In Lacs - 15
52 (b)	(6) Green belt Development - Green belt Development Capital cost Rs. In Lacs - 2 O & M cost Rs. In Lacs - As above mentioned	(6) Green belt Development - Green belt Development & Rain Water Harvesting System Capital cost Rs. In Lacs - For Existing - 25 For Expansion - 5 Total Capital cost Rs. In Lacs - 30 O & M cost Rs. In Lacs - For Existing -5 For Expansion - 1 Total O & M cost Rs. In Lacs - 6
SEAC	DISCUSSION ON ENVIRON	IMENTAL 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 pr	oject by SEAC



PP submitted their proposal for the grant of Environmental Clearance under category 5 (f) of the schedule attached to the EIA Notification, 2006.

The proposal was earlier considered in the 151st meeting of SEAC-1 for the grant of ToR wherein ToR was granted to the PP for the preparation of EIA/EMP report as per standard ToR published by the MoEF&CC along with following specific ToR points,

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

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

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

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

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

5) PP to carry out HAZOP and QRA and submit report. PP also to carry out risk assessment with respect to the exposure to the oncological products considering the potency of drugs, exposure limits and design of isolators etc.

6) PP to submit hazardous chemical handling protocol.

7) PP to submit drawings, cross sectional drawings of the manufacturing units, equipment layout plan along with report on adequacy of the existing space for the expansion activities.

8) PP to include highlights of chemistry involved in the process in the EIA report.

9) PP to submit detailed water balance calculations and include details of water conservation measure adopted in the EIA report.

10) PP to submit details of ETP design with respect to the design of units proposed for effluent treatment. PP to ensure ZLD for the effluent treatment.

11) PP to use solar power for administrative building and street lights.

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

13) 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.

14) PP to submit an undertaking for not having any eco sensitive area in the range of 5 KM from proposed project site.

15) PP to submit an undertaking for not violating any requirements of EIA Notification, 2006.

16) PP to submit copy of Structural Stability Certificate for the structures exists on the site.

After submission of EIA/EMP report the proposal was included in the agenda of 167th meeting of SEAC-1 held on 09.07.2019 wherein PP requested to postpone the case, hence the proposal was deferred.

The proposal was again included in the agenda of 184th meeting of SEAC-1 wherein PP requested to postpone the case, hence the proposal was deferred.

Now the proposal is considered for appraisal.

DECISION OF SEAC

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Abhay Pimparkar (Secretary	SEAC Meeting No: 205th (Day-1) Meeting Date:	Page 159	Vijay Kulkarni (Chairman
SEAC-I)	September 7, 2021	of 160	SEAC-I)

PP requested to withdraw the application.

As requested by PP, SEAC-1 decided to allow PP to withdraw application and decided to reject the proposal

Specific Conditions by SEAC:

1) PP to submit revised to the scale lay out plan showing all internal roads with minimum six meter width and nine meter turning radius, entry/exit gates provision of cul-de-sac at dead ends of the internal roads if any, location of pollution control equipment, parking areas, 33% green belt on periphery of the plot with their dimensions. PP to ensure authentication of the layout with signature of PP, Consultant and Architect. PP to mark existing and proposed green belt in distinct colours along with their area dimension.

2) PP to submit revised contour plan showing contour levels, storm water drains, invert levels, internal roads and rain water harvesting facilities. PP to submit storm water drain calculations and rain water harvesting calculation on the plan. PP also to mark the location of connection of storm water drain to the common MIDC drain along with its cross section and invert level. PP to consider 125 mm rain intensity in Mumbai / Konkan area and 100 mm in rest of the Maharashtra area for the purpose of calculations

3) PP to submit details of building proposed for the manufacturing of oncology products with respect to the design of isolators and AHU's to ensure no exit of any oncological drug in the atmosphere.

4) PP to include technical report on space adequacy with respect to the proposed expansion. PP also to include details of proposed buildings to be constructed on site in the EIA repot along with floor wise plan, cross sections and floor wise equipment layout etc.

5) PP to carry out ETP adequacy study with respect to the proposed expansion to accommodate increased hydraulic and pollution load in the ETP and requirement of any augmentation in the ETP to achieve parameters stipulated by the MPCB. PP to make necessary changes in the EMP and submit revised EMP.

6) PP to include construction management plan in the EIA report.

7) PP to submit structural stability certificate of existing buildings mentioning there in year of construction and its stability and safety to accommodate proposed expansion activities.

8) PP to include detailed water balance calculations considering 50 KL/Ha water for the development of green belt. PP to make necessary changes in the EMP and submit revised EMP.

9) PP to submit an undertaking of implementation of all recommendations of the HAZOP and Risk Assessment study. **10)** PP to submit CER plan for the development of social and environmental infrastructure in the Z.P School/ Primary Health Centres in the study area of prosed project on consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.2018.

11) PP to include all above points in the EIA/EMP report and submit revised EIA/EMP.

12) PP to ensure that, the uniform information is given in the Consolidated Statement , Form-I/II, EIA/EMP report and presentation at the time of appraisal.

FINAL RECOMMENDATION

SEAC-I have decided to recommend the proposal for rejection subject to above reasons.

