SEAC Meeting number: 146 Meeting Date January 30, 2018

Subject: Environment Clearance for Proposed Synthetic Organic Chemical (Poly Carboxylate) Manufacturing Unit of M/s Aezis Global Pvt. Ltd. at Plot No: K-4/3, Addl. MIDC Mahad, Kalij Village, Tal: Mahad, Dist: Raigad and State Maharashtra.

1.Name of P	roject		M/s Aezis Glo	bal Pvt. Ltd.						
2.Type of ins	stitution		Private							
3.Name of P	roject Propo	nent	Mr. Kookin H	lan						
4.Name of C	onsultant		M/s Sadekar	Enviro Engineers Pvt. Ltd.						
5.Type of pr	oject		Not applicabl	le						
6.New project/mode in existing p	ct/expansion ernization/di roject	in existing versification	New Project			6				
7.If expansion whether envelope has been obte project	on/diversifica ironmental c tained for ex	ition, clearance isting	NA	NA						
8.Location o	f the project		Plot No : K-4/3, Addl MIDC Mahad							
9.Taluka			Mahad							
10.Village			Kalij							
11.Area of tl	ne project		Addl. Mahad	MIDC						
			NA							
12.IOD/IOA/ Approval Nu	Concession/I mber	Plan	IOD/IOA/Con	ncession/Plan Approval Num	ber: NA					
rippiovai iva	inider		Approved Built-up Area: 5128.461							
13.Note on t applicable)	he initiated	work (If	NA							
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)			NA							
15.Total Plo	t Area (sq. m	l.)	Not applicabl	le						
16.Deductio	ns		Not applicabl	le						
17.Net Plot	area		Not applicabl	le						
			a) FSI area (sq. m.): Not applicable							
18.Proposed	Built-up Are	ea (FSI &	b) Non FSI area (sq. m.): Not applicable							
NOII-1'51)			c) Total BUA area (sq. m.):							
19.Total gro	und coverage	e (m2)	Not applicable							
20.Ground-c (Note: Perce to sky)	overage Percentage of plot	centage (%) t not open	Not applicable							
21.Estimate	d cost of the	project	47000000							
	2	2.Num	ber of l	buildings & its	configu	ration				
Serial number	Buildin	ıg Name & ı	number	Number of floor	s I	leight of the building (Mtrs)				
1	Ν	Not applicabl	е	Not applicable		Not applicable				
23.Number tenants an	r of d shops	Not applica	ble							
24.Number of expected residents / Not applica users			ble							
25.Tenant per hectar	density e	Not applica	ble							
26.Height building(s)	of the									

agger or anger			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 1 of	Dr. Umakant Dangat
SEAC-I)	30, 2018	83	(Chairman SEAC-I)

27.Right of (Width of f from the n station to proposed I 28.Turning for easy ac fire tenden movement	f way the road earest fire the puilding(s) g radius ccess of from all	6 meters Not applica	ble							
excluding for the pla	the width ntation									
structure	g (s) if any	Not applica	Not applicable, since it is a green field project.							
30.Details demolition disposal (I applicable	of the with f)	Not applica	ble				AC			
31.Production Details										
Serial Number	Pro	duct Existing		(MT/M)	Proposed	(MT/M)	Total (MT/M)			
1	Poly Carbo Type P	oxylate (A- roduct)	()	1666	5.67	1666.67			
2	Poly Carbo Type P	oxylate (B- roduct)	()	583.	.34	583.34			
3	Poly Carbo Type P	oxylate (C- roduct)	()	166.	.67	166.67			
4	Defoame: Proc	r (D-Type luct)	()	3.3	34	3.34			
		3	2.Tota	l Wate	r Requi	remen	t			
		Source of	water	Not applica	ble					
		Fresh wate	er (CMD):	Not applicable						
		Recycled v Flushing (vater - CMD):	Not applicable						
		Recycled v Gardening	vater - (CMD):	Not applicable						
		Swimming make up (pool Cum):	Not applicable						
Dry seasor	1:	Total Wate Requireme :	er ent (CMD)	Not applica	ble					
	2	Fire fightin Undergrou tank(CMD	ng - Ind water):	Not applicable						
		Fire fightin Overhead tank(CMD	ng - water):	Not applica	ble					
		Excess trea	ated water	Not applica	ble					



		Source of wa	ter	Not applicable								
		Fresh water	(CMD):	Not applicable	le							
		Recycled wat Flushing (CM	ter - AD):	Not applicable								
		Recycled wat Gardening (ter - CMD):	Not applicable								
		Swimming p make up (Cu	ool m):	Not applicab	le							
Wet seaso	1:	Total Water Requirement (CMD) :		Not applicab	Not applicable							
		Fire fighting Underground tank(CMD):	r - d water	Not applicab	le			.6				
		Fire fighting - Overhead water tank(CMD):		Not applicable								
		Excess treat	ed water	Not applicable	le							
Details of pool (If an	Swimming y)	Not applicable	е									
		33	.Details	s of Total	water con	nsumed	ł					
Particula rs	Cons	sumption (CM	1D)	L	oss (CMD)		Effluent (CMD)					
Maton												
Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Require ment Domestic	Existing	Proposed	Total 2.25	Existing	Proposed	Total 0	Existing 0	Proposed 2.25	Total 2.25			
Require ment Domestic Industrial Process	Existing 0 0	Proposed 2.25 39.52	Total 2.25 39.52	Existing 0	Proposed 0 38.93	Total 0 38.93	Existing 0 0	Proposed 2.25 0.59	Total 2.25 0.59			
Require ment Domestic Industrial Process Cooling tower & thermopa ck	Existing 0 0 0 0	Proposed 2.25 39.52 40.77	Total 2.25 39.52 40.77	Existing 0 0 0 0 0	Proposed 0 38.93 36.46	Total 0 38.93 36.46	Existing 0 0	Proposed 2.25 0.59 4.31	Total 2.25 0.59 4.31			
Require ment Domestic Industrial Process Cooling tower & thermopa ck Gardening	Existing 0 0 0 0 0 0	Proposed 2.25 39.52 40.77 19	Total 2.25 39.52 40.77 19	Existing 0 0 0 0 0 0	Proposed 0 38.93 36.46 19	Total 0 38.93 36.46 19	Existing 0 0 0 0 0 0	Proposed 2.25 0.59 4.31 0	Total 2.25 0.59 4.31 0			
Require ment Domestic Industrial Process Cooling tower & thermopa ck Gardening Fresh water requireme nt	Existing 0 0 0 0 0 0 0	Proposed 2.25 39.52 40.77 19 101.54	Total 2.25 39.52 40.77 19 101.54	Existing 0 0 0 0 0 -	Proposed 0 38.93 36.46 19 -	Total 0 38.93 36.46 19 -	Existing 0 0 0 0 0 -	Proposed 2.25 0.59 4.31 0 -	Total 2.25 0.59 4.31 0 -			



	Level of the Ground water table:	approx 20 m below ground					
	Size and no of RWH tank(s) and Quantity:	RWH tank of 350M3 Capacity will be installed					
	Location of the RWH tank(s):	South site of the main gate. The harvested water will be used for ground water recharging.					
34.Rain Water Harvesting	Quantity of recharge pits:	350					
(RWH)	Size of recharge pits :	-					
	Budgetary allocation (Capital cost) :	6 Lakh					
	Budgetary allocation (O & M cost) :	1 Lakh					
	Details of UGT tanks if any :	UG tank for MIDC water storage will be provided					
35 Storm water	Natural water drainage pattern:	Storm water drainage line will be provided along with the plot boundary.					
drainage	Quantity of storm water:	4.32 M3/Hr					
	Size of SWD:	Storm Water Storage pit : 2 Nos X 50M3					
	Sewage generation in KLD:	2.25					
	STP technology:	Domestic effluent will be treated in Septic tank, the overflow from septic tank will be treated in aeration tank of ETP.					
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.Solie	d waste Management					
Waste generation in	Waste generation:	Construction waste such as left off concrete, stone, aggregates, wooden piles, excavation material etc.					
and Construction phase:	Disposal of the construction waste debris:	The solid waste genereated during construction phase will be disposed off through local body.					
	Dry waste:	Dry waste like PE drums, paper, plastic, steel will be generated					
	Wet waste:	Domestic wet waste will be generated from canteen facility					
Waste generation	Hazardous waste:	The overall operation of company involves generation of hazardous waste like MEE residue, ETP Sludge, PE Bags & Steel drums.					
in the operation Phase:	Biomedical waste (If applicable):	NA					
	STP Sludge (Dry sludge):	NA					
	Others if any:	NA					
	-						

approtonises.			Name: Dr. Umakant Gangatrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 4 of	Dr. Umakant Dangat
SEAC-I)	30, 2018	83	(Chairman SEAC-I)

		Dry wa	aste:		Through MPCB authorized recycler						
		Wet w	aste	•	Through loo	cal municipa	l body.				
		Hazar	dous	waste:	Hazardous	waste will be	e dispo	osed th	rough	CHW	ГSDF, Taloja
Mode of I of waste:	Disposal	Biome applic	edica cable	l waste (If):	NA						
		STP S sludge	ludg e):	e (Dry	NA						
		Others	s if a	ny:	NA						
		Locati	ion(s):	As per plot	layout					
Area requirem	ent:	Area f of was mater	for th ste & ial:	ne storage other	Dedicated a	ind demarca	ted are	ea will	be pr	ovided	for storage of HW
		Area f	for m	achinery:	inery: NA						
Budgetary	allocation	Capita	al cos	st:	2.5 Lakh						
(Capital co O&M cost)	st and	0 & M	I cos	t:	18.6 Lakh						
				37.Ef	fluent Cl	narecter	estic	S			
Serial Number	Paran	neters		Unit	Inlet E Charect	ffluent erestics	Ou Ch	utlet I narect	Efflue eresti	nt ics	Effluent discharge standards (MPCB)
1	р	Η			5.	.8	6.5-7	.5 (It v proj	will be iect)	ZLD	6.5-7.5
2	COD			mg/l	50	00	<250 (It will be ZLD project)		ZLD	<250	
3	BOD			mg/l	18	00	<10	0 (It w proj	vill be ect)	ZLD	<100
4	TI	TDS		mg/l	45	00	<210	00 (It v proj	will be ect)	ZLD	<2100
5	O&G			mg/l	3	.0	<10) (It w proj	ill be Z ject)	ZLD	<10
Amount of e (CMD):	effluent gene	eration		7.15 CMD is effluent from	ncluding Doi m Boiler and	nestic, Reac cooling tow	tor/coi er.	ntaine	r/floor	washi	ng & Blowdown
Capacity of	the ETP:			It will be ZI and Tertiary connected t from tertiar reject from	l be ZLD project. ETP of 8.5 CMD Capacity, comprises of Primary, Secondary 'ertiary Treatment facility will be provided. The domestic effluent load will be ected to the aeration tank of ETP. For further purification of treated effluent tertiary treatment facility, two stage RO systems will be provided. • To treat t from RO system MEE of 1.5 CMD capacity will be installed						
Amount of t recycled :	reated efflue	ent		I will be ZL (5.23 CMD	D project. Th RO Permeat	ne total amou ce & 1.28 CM	unt of t ID ME	treated E cond	d efflu densat	ent rec e)	cycled will be 6.51 CMD
Amount of v	water send to	o the CE	ETP:	Not Applica	ble. Since it	will be ZLD	projec	t.			
Membershi	p of CETP (if	require	e):	Not Applica	ble. Since it	will be ZLD	projec	:t.			
Note on ET	P technology	7 to be u	ısed	The project effluent from and cooling treatment fa tank, where facility. • Th for its f	ect will be operated on the basis of Zero Liquid Discharge system. • The from Reactor/Container/ Floor washings will be treated along with Boiler ling tower blowdown in ETP comprises of Primary, Secondary and Tertiary nt facility. • The domestic effluent load will be connected to the aeration here it will be treated along with LCOD effluent from primary treatment • The treated effluent from ETP will be passed through two stage RO system						
Disposal of	the ETP sluc	lge		Sludge gene quantum of	erated from ETP sludge	ETP will be o will be arou	dispose nd 3.0	ed thro TPA	ough C	CHWTS	DF,Taloja. The total
				38.Ha	zardous	Waste D	etai	ls			
Serial Number	Descr	iption		Cat	UOM	Existing	Prop	osed	То	tal	Method of Disposal
Abhay Pimp SEAC-I)	parkar (Secre	o: 146 Meeti 30, 2018	ng Date: Jan	uary	Page	e 5 of 83	Signat Name Dr. U (Chai	ture:			

1	PE I	Bags	33.1	1	TPA	0		46	46	CHWTSDF	
2	PE & Ste	el Drums	33.1	1	TPA	0		392	392	MPCB authorized recycler	
3	Paper, Pla (Non Ha	astic, Steel zardous)	-		TPA	0		7	7	MPCB authorized recycler	
4	Domestic V Hazaı	Waste (Non rdous)	on -		TPA	0		7	7	To Local municipal body	
5	ETP S	Sludge	35.3	3	TPA	0		3	3	CHWTSDF	
6	MEE F	Residue	37.3	3	TPA	0		6	6	CHWTSDF	
			39	9.St	acks em	issio	n De	etails			
Serial Number	Section	& units	Fue	Fuel Used with Quantity		Stack	x No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Common Stack for 2 Nos X 3MT/Hr Steam Boiler (One boiler will be on standby mode)		LD	00: 1.	72 KLD	0	1	31	0.5	230	
2	D.G. set (2	1250 KVA)	HS	5D : 2	61 L/Hr	02	2	7 m above roof	0.2	80	
3	Activate Fil	d Carbon ter		-	-	03	03 16 0.1			34	
40.Details of Fuel to be used											
Serial Number	r Type of Fuel Existing Proposed Tota						Total				
1		LDO			0		1.72 KLD			1.72 KLD	
2		HSD			0	261 L/Hr				261 L/Hr	
41.Source of	of Fuel		I	Local	Vendor	-					
42.Mode of	Transportat	ion of fuel to	site E	By ro	ad						
				$\overline{\langle \rangle}$							
		Total RG a	rea :		6381.9 Sq.m.						
		No of trees	s to be	cut	It is a gree	n field j	projec	t. presently	land is devo	id of any vegetation.	
		Number of be planted	f trees t l :	s to 1595							
43.Gree Develop	n Belt ment	List of pro native tree	posed es :		Azadirachta indica, Neolamarckia cadamba, Ixora coccinea, Oroxylum indicum, Schleichera oleosa, Terminalia paniculata, Helicteres isora, Bougainvillea spectabiis, Clerodendrum inerme, Calotropis gigentia, Plumeria rubra, Canna indica, Moullava spicata, Terminalia arjuna, Bombax ceiba						
		Timeline f completion plantation	or n of :		1 year after	r appro	val of	Environmen	tal Clearand	ce	
	44.Nu	mber and	l list o	of t	rees spe	cies	to b	e planteo	d in the	ground	
Serial Number	Name of	the plant	Con	nmo	n Name		Qua	ntity	Charact	eristics & ecological importance	
1	Azadiracl	hta indica		Ne	em		20	00	A native evergreen tree known for plantation in polluted area.		
2	Neolan cada	narckia amba		Kada	amba		5	0	A native evergreen tree with thick canopy.		



3	Ixora coccinea	Rukmini/Bakavali	50)	A native shrub blooming throughout the year usually visited by nectar feeding birds & butterflies.
4	Oroxylum indicum	Tetu	50)	A native ornamental tree.
5	Schleichera oleosa	Kusum	50)	A native tree found in abundance in Sahyadris.
6	Terminalia paniculata	Kindal	Kindal 45		Kindal is a tropical tree with a large natural distribution in Western Ghats
7	Helicteres isora	Murudsheng	Murudsheng 200		A native shrub extensively found in the tracts & plains of sahyadri used as roost plant by variety of birds.
8	Bougainvillea spectabiis	Booganvel	50)	An ornamental tree blooming throughout the year
9	Clerodendrum inerme	Vanjai	150		A native evergreen shrub with fragrant flowers
10	Calotropis gigentia	Rui 150		A native evergreen shrub with thick leaves which helps in dust settling	
11	Plumeria rubra	Chafa	100		An evergreen brilliantly flowering shrub
12	Canna indica	Kardal	10	0	A perennial shrub used in phyto remediation
13	Moullava spicata	Waghati	10	0	A native evergreen shrub usually visited by birds and abundantly found in Sahyadris
14	Terminalia arjuna	Arjun	20	0	A native evergreen tree with large canopy
15	Bombax ceiba	Sawar	10	0	A native tree with large showy flowers visited by birds.
43	5.Total quantity of plan	ts on ground			
46.Nun	nber and list of sh	nrubs and bushes	s species	to be pl	anted in the podium RG:
Serial Number	Name	C/C Dista	nce		Area m2
1	NA	NA			NA
		47.E	nergy		



S

		Source of supply :	power	MSEDCL						
		During Co Phase: (De Load)	nstruction emand	500 KW						
		DG set as i back-up du constructi	Power uring on phase	NA						
D		During Op phase (Cor load):	eration nnected	1000 KW						
requirement:		During Op phase (Dep load):	eration mand	1000 KW	1000 KW					
		Transform	er:	1000 KW						
		DG set as back-up du operation	Power uring phase:	1250 KVA	1250 KVA					
		Fuel used:		HSD	HSD					
		Details of tension lin through th any:	high 1e passing 1e plot if	NA	NA					
	48.Energy saving by non-conventional method:									
NA	NA									
	49.Detail calculations & % of saving:									
Serial Number	E	nergy Cons	ervation M	easures	×.	Saving %				
1			NA			NA				
		50	.Details	of polluti	on c	control Systems				
Source	Ex	isting pollu	tion contro	l system		Proposed to be installed				
Process Emission		NA (Its Gre	een Field Pro	ject) Activated carbon filtration system will be pro- cater VOC emissions from process.						
Boiler Emission		NA (Its Gre	een Field Pro	ject) Common Stack of 31 meter height will be ins						
D.G. set		NA (Its Gre	een Field Pro	oject)		Stack of 7 meter height above roof will installed.				
ETP		NA (Its Gre	een Field Pro	oject)		8.5 CMD ETP with 1.5 CMD stripper MEE with ATFD and Two stage RO filtration system				
Budgetary	allocation	Capital co	st:	NA						
(Capital O&M	cost and cost):	O & M cos	t:	NA						
51	.Enviro	onment	tal Mar	nageme	nt j	plan Budgetary Allocation				
		a)	Construc	ction phas	se (v	with Break-up):				
Serial Number	Attri	butes	Para	neter		Total Cost per annum (Rs. In Lacs)				
1	Air Envi	ronment	Water sprin Barrier to o emis	nkling, wind control dust sions	kling, wind ontrol dust 2.0 sions					
			Mobile toil	lets will be		1.0				
2	Water En	vironment	arranged f	or workers		1.0				

2-020 Press			Signature:
CC67			Name: Dr. Umakant Gangatrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 8 of	Dr. Umakant Dangat
SEAC-I)	30, 2018	83	(Chairman SEAC-I)

3	Noise E	nvironment	PPEs for workers enclosures to all no generating equipment's	s, bise	se 1.0						
			b) Operation Pl	hase (wi	th Brea	k-up):					
Serial Number	Com	ponent	Description	Cap	ital cost Rs Lacs	. In (Operat co	tional and ost (Rs. in	Maintenance Lacs/yr)		
1	Air En	vironment	Construction of ne stack, Activated Carbon filtration system	9W 1	45			3			
2	Water E	nvironment	Construction of ET Installation of ME and RO Unit	ΓΡ, ΣΕ	70			5			
3	Noise E	nvironment	PPEs for workers enclosures to all no generating equipment's	s, bise	.se 1		8				
4	Soli mana	d waste agement	Disposal of HW ar pavement of HW storage area with HDPE lining	nd 7 h	18.6			2.5			
5	Envi: Mor	ronment nitoring	Environmental Monitoring durin operational phas	g			3.50				
6	Occupat	ional Health	Glares, Breathing Masks, Gloves, Boo Helmets, Ear Plug etc. & annual heal medical checkup workers, Occupatio Health (training, O center)	Glares, Breathing Masks, Gloves, Boots, Helmets, Ear Plugs etc. & annual health- medical checkup of workers, Occupational Health (training, OHC center)							
7	Gre	en Belt	Development and maintenance of gre belt	d een	8.50			2.13			
8	Rain wate	er harvesting	Construction and maintenance of RV system	d VH	6 1						
51.S	torag	e of ch	emicals (infl sub	lamabl stance	le/explo es)	osive	/haz	zardou	s/toxic		
Descri	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		
Polyethyle methyl	ne glycol ether	Liquid	Tank	80 KL	80 KL	575 H	KL	Import	By Ship & Road		
Methacry	lic acid	Liquid	Tank	50 KL	50 KL	82.5	KL	Import	By Ship & Road		
Acrylic	c acid	Liquid	Tank	50 KL	50 KL	2.5 K	KL	Import	By Ship & Road		
Caustic	c soda	Liquid	Tank	20 KL	20 KL	62.5	KL	Local	By Road		
Methyl a	crylate	Liquid	Tank	2 KL	2 KL	40 K	ΊL	Import	By Ship & Road		

agenorations			Signature: Name: Dr. Umakant Gaugetrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 9 of	Dr. Umakant Dangat
SEAC-I)	30, 2018	83	(Chairman SEAC-I)

P-Toluene sulfonic acid	Solid	PE Bag	18 MT	18 MT	15 MT	Import	By Ship & Road		
2-Mercaptoethanol	Liquid	Tank	20 KL	20 KL	7.5 KL	Import	By Ship & Road		
Toluene	Liquid	Tank	30 KL	30 KL	2.5 KL	Local	By Road		
Ammonium persulphate	Solid	PE Bag	4 MT	4 MT	2.5 MT	Import	By Ship & Road		
Hydrogen peroxcide	Liquid	PE Drum	2.3 MT	2.3 MT	1.75 MT	Import	By Ship & Road		
L-ascorbic acid	Solid	PE Bag	0.5 MT	0.5 MT	0.5 MT	Import	By Ship & Road		
Phenothiazine	Solid	PE Bag	0.3 MT	0.3 MT	0.25 MT	Import	By Ship & Road		
3-Mercaptopropionic acid	Liquid	Tank	2 KL	2 KL	1 KL	Import	By Ship & Road		
4-Methoxyphenol	Solid	PE Bag	0.015 MT	0.015 MT	0.25 MT	Import	By Ship & Road		
Polyoxyethylene alkyl allyl ether	Liquid	Tank	20 KL	20 KL	225 KL	Import	By Ship & Road		
Polyethylene glycol methyl ether	Liquid	PE Drum	70 MT	70 MT	57.5 MT	Import	By Ship & Road		
Phosphorous acid	Liquid	PE Drum	0.6 MT	0.6 MT	0.5 MT	Import	By Ship & Road		
polyoxyakylene glycol	Liquid	PE Drum	1.6 MT	1.6 MT	1.25 MT	Import	By Ship & Road		
Palm stearine based hydrogenated fatty acid	Liquid	PE Drum	0.4 MT	0.4 MT	0.25 MT	Import	By Ship & Road		
Sulfuric acid, diethyl ester	Liquid	Bottle	0.05 MT	0.05 MT	0.25 MT	Import	By Ship & Road		
Methyloxirane polymer with oxirane	Liquid	PE Drum	0.2 MT	0.2 MT	0.25 MT	Import	By Ship & Road		
Polyoxypropylene glycol butyl ether	Liquid	PE Drum	1 MT	1 MT	0.75 MT	Import	By Ship & Road		
Propylene glycol	Liquid	PE Drum	0.2 MT	0.2 MT	0.25 MT	Import	By Ship & Road		
Isopropyl Alcohol	Liquid	PE Drum	0.8 MT	0.8 MT	0.5 MT	Import	By Ship & Road		
		52.Any	Other Info	rmation	l				
No Information Availa	ble								
		53.Tra	affic Manag	gement					
	Nos. of t to the m design o confluer	the junction ain road & of nce;							
S									

age on these			Signature: Name: Dr. Umakant Gangetrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 10	Dr. Umakant Dangat
SEAC-I)	30, 2018	of 83	(Chairman SEAC-I)

	Number and area of basement:	
	Number and area of podia:	
	Total Parking area:	2313.24
	Area per car:	
	Area per car:	
Parking details:	Number of 2- Wheelers as approved by competent authority:	
	Number of 4- Wheelers as approved by competent authority:	-
	Public Transport:	
	Width of all Internal roads (m):	9
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	5 (f) - 'B1'
	Court cases pending if any	No
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
	Brief informa	tion of the project by SEAC



PP submitted their application for the grant of TOR under category 5(f)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.
As the industry is located in the notified industrial area/estate (MIDC), Public Hearing is exempted under the provisiosn as per para 7 III Stage (3) (b) of the EIA Notification, 2006.
Draft Terms of Reference (TOR) have been discussed and finalized during 140th 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.
During deliberations PP informed that the project is Zero Liquid Discharge.
PP submitted EIA /EMP report in 144th meeting wherein the proposal was deferred till PP submits the compliance of following points,
1.PP to provide separate entry/exit gates and internal access roads having six meter width and nine meter turning radius; PP to submit revised layout plan.
2. PP to use solar energy for office buildings and street lights.
3. PP to explore possibility to reduce impact on environment identified in the life cycle analysis by procuring domestic raw material etc.
Now PP submitted the compliance of above points in the 146th meeting.
DECISION OF SEAC
After detailed deliberations with the PP and his accrediated consultant SEAC decided to recommend the proposal to SEIAA for the grant of prior Environment Clearance.
Specific Conditions by SEAC:
FINAL RECOMMENDATION
SEAC-I have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions
S



SEAC Meeting number: 146 Meeting Date January 30, 2018

Subject: Environment Clearance for Proposed Intermediate Chemical Manufacturing Industry, M/s. MASCOT FINOCHEM

1 Name of P	roject		M/S MASCO	TEINOCHEM				
2 Type of inc	titution		Privato	Privato				
2.1 ype of ms	roject Proper	nont	Mr. Osmanuddin Aminuddin Khaja					
A Name of C	oncultant	пеш	Puilding Envi	ironmont (India) Drt. Itd				
4.Name of U	onsultant		Inductory Cru	nthetic Organic Chemical (54)				
S. Type of pro		·	moustry - Sy	inthetic Organic Chemical (51)				
6.New project project/mode in existing p	ct/expansion ernization/di roject	in existing versification	New Project		Ć			
7.If expansion whether envelopment has been obto project	on/diversifica ironmental c tained for ex	ition, learance isting	NA					
8.Location o	f the project		Gut No.98, V	illage-Chittegaon, Taluka-Paithan, Distrie	ct-Aurangabad-431105			
9.Taluka			Paithan					
10.Village			Chittegaon					
Corresponde	ence Name:		Mr. Osmanud	ddin Aminuddin Khaja				
Room Numb	er:		214					
Floor:			Arif Colony					
Building Na	me:		Arif Colony					
Road/Street	Name:		Arif Colony					
Locality:			Arif Colony					
City:			Aurangabad					
11.Area of th	ne project		Grampancha	yat- Chittegaon				
			Not applicable					
12.IOD/IOA/	Concession/H	Plan	IOD/IOA/Concession/Plan Approval Number: Not applicable					
Approvariau	mber		Approved Built-up Area: 1261.79					
13.Note on t applicable)	he initiated	work (If	None					
14.LOI / NOO Other approv	C / IOD from vals (If appli	MHADA/ cable)	NoC from Chittegaon Grampanchayat -Industrial Unit Establishment					
15.Total Plot	t Area (sq. m	.)	3921					
16.Deduction	ns		0					
17.Net Plot a	area		3921					
			a) FSI area (sq. m.): 1261.79					
18.Proposed Non-FSI)	Built-up Are	ea (FSI &	b) Non FSI a	area (sq. m.):				
11011-1 51)			c) Total BUA area (sq. m.): 1262					
19.Total gro	und coverage	e (m2)	1200					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to skv)		centage (%) t not open	Not applicable					
21.Estimated	d cost of the	project	36000000					
	2	2.Num	ber of l	buildings & its conf	iguration			
Serial number	Buildin	g Name & I	number	Number of floors	Height of the building (Mtrs)			
1	Ν	Not applicable Not applicable Not applicable			Not applicable			
23.Number tenants an	r of d shops	Not applica	ble					

agger of the st			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 13	Dr. Umakant Dangat
SEAC-I)	30, 2018	of 83	(Chairman SEAC-I)

r of esidents /	Not applicab	lot applicable								
density e	Not applicab	ot applicable								
of the)										
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)										
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation										
g (s) if any	Not applicab	le. Proposed land is barr	ren land							
of the with f)	Not applicab	le								
		31.Product	ion Details							
Pro	duct	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)						
N-Phenyl	Piperazine	0	10	12						
Benz	hydrol	0	22	22						
Sach	charin	0	14	14						
Methyl He	xanoic Acid	0	5	5						
2-Amino-4-0	Chlorophenol	0	22	22						
Methyl Ar	nthranilate	0	20	20						
Calcium I	Propionate	0	10	10						
Cetyl	Lactate	0	10	10						
Sodium Hexe	n-2-Ethyl onate	0	10	10						
	r of esidents / density e of the) f way the road earest fire the building(s) g radius ccess of from all e building the width ntation g (s) if any of the a with f) Pro N-Phenyl Benzi Sach Methyl He 2-Amino-4-C Methyl An Calcium I Ccetyl I	r of esidents / Not applicab density of the of the of the oulding(s) from all building(s) gradius cess of from all building scess of from all building scess of from all building scess of from all building scess of from all building scess of from all building building scess of from all building building scess of from all building building building the width ntation Scess from all building buildin	r of esidents / Not applicable density Not applicable of the of the of the of the of the ouilding(s) ROW-6 meter and Nearest Fire Static from all building (s) ROW-6 meter and Nearest Fire Static ouilding(s) ROW-6 meter and Nearest Fire Static ouilding (s) ROW-6 meter and Nearest Fire Static from all building the width ROW-6 meter and Nearest Fire Static from all building the width ROW-6 meter and Nearest Fire Static from all building the width ROW-6 meter and Nearest Fire Static from all building the width ROW-6 meter and Nearest Fire Static from all building the width ROW-6 meter and Nearest Fire Static from all building the width ROW-6 meter and Nearest Fire Static from all building the width ROW-6 meter and Nearest Fire Static from all building the width ROW-6 meter and Nearest Fire Static from all building the width ROW-6 meter and Nearest Fire Static from all building the width ROW-6 meter and Nearest Fire Static from all building the width ROW-6 meter and Nearest Fire Static from all building the width ROW-6 meter and Nearest Fire Static from all building the width ROW-6 meter and Nearest Fire Static from all building the width ROW-6 meter and Nearest Fire Static from all from all building the width ROW-6 meter and Nearest Fire Static from all from	r of esidents / Not applicable density Not applicable of the of the of the event of the even of the						

32.Total Water Requirement



Source of water Tanker Water									
	Fresh water	(CMD):	4						
	Recycled wa Flushing (C	ter - MD):	Not applical	Not applicable					
	Recycled wa Gardening (ter - CMD):	Not applical	ble					
	Swimming p make up (Cu	oool 1m):	Not applical	ble					
Dry season:	Total Water Requiremen :	t (CMD)	4						
	Fire fighting Undergroun tank(CMD):	J - d water	80,000 Liter	r One Time Sto	rage		6		
	Fire fighting Overhead wa tank(CMD):	J - ater	Not applical	ble			<u>A</u>		
	Excess treat	ed water	Not applical	ble					
	Source of wa	ater	Tanker Wat	er					
	Fresh water	(CMD):	4						
	Recycled wa Flushing (C	ter - MD):	Not applical	ble					
	Recycled wa Gardening (Recycled water - Gardening (CMD):		Not applicable					
	Swimming p make up (Cu	oool 1m):	Not applicable						
Wet season:	Total Water Requiremen :	t (CMD)	4						
	Fire fighting Undergroun tank(CMD):	Fire fighting - Underground water tank(CMD):		Not applicable					
	Fire fighting Overhead wa tank(CMD):	Fire fighting - Overhead water tank(CMD):		Not applicable					
	Excess treat	ed water	Not applical	ble					
Details of Swimmi pool (If any)	ng Not applicabl	e							
	33	B.Detail	s of Tota	l water co	nsume	d			
Particula rs	onsumption (CM	ID)	1	Loss (CMD)		Efi	fluent (CMD)		
Water Require Existin ment	ng Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic 0	1.5	1.5	0	0.3	0.3	0	1.2	1.2	
Cooling tower & thermopa ck 0	1.2	1.2	0	1.0	1.0	0	0.2	0.2	
Industrial Process 0	1.0	1	0	0.2	0.2	0	0.8	0.8	
Gardening 0	1.0	1.0	0	1.0	1.0	0	0	0	

2 - COMPRES			Signature:
CEGP			Name: Dr. Umakant Gangetreo Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 15	Dr. Umakant Dangat
SEAC-I)	30, 2018	of 83	(Chairman SEAC-I)

Fresh water requireme nt	0	4.7	4.7	0	2.5	2.5	0	2.2	2.2		
		Level of the (water table:	Ground	8-10 meter							
		Size and no o tank(s) and Quantity:	f RWH	1							
		Location of t tank(s):	he RWH	Near Godow	/n area						
34.Rain V Harvestij	Water	Quantity of r pits:	echarge	3 nos.				6			
(RWH)	-9	Size of recha	rge pits	-				N			
		Budgetary al (Capital cost	location) :	Rs. 35,000/-				S			
		Budgetary al (O & M cost)	location :	Rs. 3,000/ Y	ear		0				
		Details of UG if any :	T tanks	80,000 Liter	rs underground	l tank will	be construct	ed for firefight	ting.		
		I		I							
		Natural wate drainage pat	r t ern:	Natural drai	inage pattern v	vill be ma	intained.				
35.Storm water drainage		Quantity of s water:	torm	-							
		Size of SWD:									
		-									
		Sewage gene in KLD:	ration	1.2							
		STP technolo	gy:	Not applicable . Sewage will led down to the septic tank followed by soak pit							
Sewage	and	Capacity of S (CMD):	TP	Not applicable							
Waste w	vater	Location & an the STP:	rea of	Not applicable							
		Budgetary al (Capital cost)	location):	n Not applicable							
	CŶ	Budgetary al (O & M cost)	location	n Not applicable							
	9	36	.Soli	d waste	Manag	emen	t				
Waste gen the Pre Co	eration in nstruction	Waste genera	ntion:	During construction of the project there will be marginal solid waste in form of construction waste viz. debris, top soil, rebars, tin sheets, corrugated box, plastic, wooden box, etc.							
and Constr phase:	ruction	Disposal of the construction debris:	ne waste	Top soil will site.	Top soil will be preserved for green belt. Debris will use for leveling of site.						
		Dry waste:		3.5 kg/day							
		Wet waste:		2.0 kg/day							
Waste ge	neration	Hazardous w	aste:	Average - Sl	udge in the for	rm of Salt	- 320 kg/day				
in the op Phase:	eration	Biomedical w applicable):	aste (If								
		STP Sludge (sludge):	Dry	Not applical	ble						
		Others if any									

		D .		Segregated	as per chara	acteristics of	waste and d	lisposed off through	
		Dry waste:		authorized	vendor			1 0	
Wet wa			•	Domestic wet waste send to Local Grampanchayat- Chittegaon					
Mode of Disposal		Hazardous	waste:	Multi-effect evaporator system will be installed on site to achieve Zero Liquid Discharge. Hazardous waste will send to CHWTSDF for final disposal at MEPL, Ranjangaon					
of waste:		Biomedica applicable	l waste (If):	Not applica	ble				
		STP Sludg sludge):	e (Dry	Not applica	ble				
		Others if a	ny:	Not applica	ble				
		Location(s):	Gat No.98,	Chittegaon v	rillage, Plot A	area- 3921.0	0 Sq.M.	
Area requirem	ent:	Area for th of waste & material:	e storage other	Waste Stora Raw Materi	age Area- 50 al Storage A	0 Sq.M., Fini .rea- 114.48 \$	ished Good S Sq.M.	Storage Area- 108 Sq.M.	
		Area for m	achinery:	352.04 Sq.N	И.				
Budgetary	allocation	Capital cos	st:	Capital Cos	t of the Proje	ect- Rs. 3, 60	,00,000/-		
(Capital co O&M cost)	st and	O & M cos	t:	Not applica	ble				
			37.Ef	fluent Cl	narecter	estics			
Serial Number	Parameters		Unit	Inlet E Charect	ffluent erestics	Outlet H Charect	Effluent erestics	Effluent discharge standards (MPCB)	
1	p	H		3.0-	4.0	7.0-8.0		6-8.5	
2	TI	TDS		2000 - 2100		1600 - 1900		<2100	
3	BC	BOD		2000 - 3000		80 -	· 90	< 100	
4	CC	DD	mg/l	5000 -	6000	200 - 240		< 250	
5	0.8	à G	mg/l	20 -	- 25	5 -	· 6	<10	
Amount of e (CMD):	effluent gene	eration	1	$\Delta \mathbf{V}$					
Capacity of	the ETP:		5 CMD with Zero Liquid	Multi-Effect Discharge S	t Evaporator Scheme.	with RO Sys	stem will be j	provided to achieve	
Amount of t recycled :	reated efflue	ent							
Amount of v	vater send to	o the CETP:							
Membershi	o of CETP (if	require):	Not Applica	ble					
Note on ET	P technology	to be used	Primary tre	atment + RC) + Multi Eff	ect Evaporat	or		
Disposal of	the ETP slud	lge	ETP sludge	will send to	CHWTSDF ,	MEPL Ranja	ingaon		
			38.H a	zardous	Waste D	etails			
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal	
1	Spent (Catalyst	28.2	MT/Month	0	0.4	0.7	Collect and send to CHWTSDF	
2	SEE R	esidue	37.3	MT/Month	0	0.002	0.002	Collect and send to CHWTSDF	
3	Sludge fro Ta	m Primary nk	35.3	MT/Month	0	0.02	0.02	Collect and send to CHWTSDF	
39.Stacks emission Details									



Serial Number	Section	& units	F	uel Us Qua	ed with ntity	Stack	s No.	Height from ground level (m)	Inte diam (n	rnal eter 1)	Temp. of Exhaust Gases	
1	1 TPH stea 1 lak calorie/ho fluid l	am boiler & h kilo ur thermic heater	Coa 16	Coal OR Briquette - 160 kg/hr OR 180 kg/hr		1	1 32		0.	0.6 200C		
2	DG	Set		HS	SD	1		3 meter above the roof	0.3		350	
3	HCl So	crubber	Ν	lot Apj	plicable	1		12.0	0.	1	40	
			4	0.De	tails of H	uel t	to be	e used				
Serial Number	Туг	be of Fuel			Existing			Proposed			Total	
1	Coal (OR Briquette	0				16	0 kg/hr OR 1 kg/hr	80	16	0 kg/hr OR 180 kg/hr	
2		HSD			0		12.5 lit/hr 12.5 lit/hr				12.5 lit/hr	
41.Source of	of Fuel			Local	Market							
42.Mode of	Transportat	tion of fuel to	site	By Tu	ick							
		Total PC a	m 0.0 ·		1200							
		No of trees	to h	e cut	1200							
		:	5 10 10	cut	None	6						
43.Gree	n Belt	Number of be planted	f trees	s to	100							
Develop	ment	List of pro native tree	posed es :	l								
		Timeline for completion plantation	or 1 of :		2 Years							
	44.Nu	mber and	l lisi	t of t	rees spe	cies	to b	e plante	d in t	the g	ground	
Serial Number	Name of	the plant	C	ommo	n Name		Qua	ntity	Cha	aracte	eristics & ecological importance	
1	Aegle m	narmelos		В	el			3				
2	Azadirac	hta indica		Ne	em		2	2				
3	Bauhinia	racemosa		Aaj	pta		3	3				
4	Cassia	fistula		Bah	awa		2	2				
5	Cordia d	ichotoma		Bho	okar		4	1				
6	Ficus ra	acemosa		Um	bar		4	E				
/ ۵	Figure r			- Dim	- mal		2 r)				
Q	Mangife	ra Indica		Aar	nba		2	5				
10	Svzvaiu	m cumini		Jam	bhul		F	5				
11	Ziziphus 1	nauritiana		B	or		4	ł				
12	Butea mo	nosperma		Pa	las		3	}				
13	Citr	us sp		Lin	ıbu		3	3				
14	Santalu	m album		Chai	ndan		2	2				

ageno Anessi			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 18	Dr. Umakant Dangat
SEAC-I)	30, 2018	of 83	(Chairman SEAC-I)

15	Terminali	erminalia elliptica Ain		in	4			
16	Terminali	a catappa	Jangli	Badam		3		
17	Tamaran	dus indica	Chi	nch		1		
18	Punica g	ranatum	Dal	imb	Ţ	ō		
19	Tectona	grandis	S	ag	4	4		
20	Neolan cada	narckia amba	Kad	amb 2		2		
45	5.Total qua	ntity of plants or	grou	nd				
46.Num	ıber and	list of shruk	os an	d bushes	s species	to be pla	anted in the podium RG:	
Serial Number	Name			C/C Distance Area m2				
1	Not applicable		Not applic	able		Not applicable		
					nergy			
		Source of powe supply :	r	Maharashtr	ra State Elec	tricity Distri	bution Company Limited (MSEDCL)	
	During Construction Phase: (Demand Load)		ction d	12.5 kVA				
DG se back- const		DG set as Power back-up during construction phase		62.5 kVA				
D	During Operation phase (Connected load):		on ed	125 kVA				
require	wer ement:	During Operati phase (Demand load):	on	125 kVA				
		Transformer:		150 KVA				
		DG set as Powe back-up during operation phase	r e:	62.5 kVA				
		Fuel used:)	HSD				
		Details of high tension line pas through the plo any:	ssing ot if	Not applicable				
		48.Energy	savi	ng by no	n-conver	ntional m	nethod:	
Solar lights	will be prov	ided for road & co	ommon	area				
	5	49.D	etail	calculati	ons & %	of savin	g:	
Serial Number	E	nergy Conservat	ion M	easures			Saving %	
1		Solar lights for c	ommor	n area			5 nos.	
		50.Det	ails	of pollut	ion cont	rol Syste	ms	
Source	Ex	isting pollution	contro	l system		Pro	posed to be installed	
Air Emission from Boiler	Air nission from Boiler					Cyclo	one separator with stack	

age others			Signature: Name: Dr. Umakant Gangetrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 19	Dr. Umakant Dangat
SEAC-I)	30, 2018	of 83	(Chairman SEAC-I)

Effluent from process		Not	applicable			Primary Tr	eatmer	nt+ RO+	- Multi Effe	ct Evaporator
Budgetary	allocation	1 Capital cos	st:	Rs.15000	· · · · ·					
O&M	cost and cost):	O & M cos	t:	Rs. 2000						
51	.Envir	ronment	al Mar	nagem	ent p	olan Bu	dge	tary	Alloca	tion
		a)	Construc	ction ph	ase (v	vith Brea	k-up):		
Serial Number	Attr	ibutes	Para	meter		Total Cost per annum (Rs. In Lacs)				
1	Dust r	epression	Water Sprinkling					0.6		
2	Construc Mana	ction Waste agement	Dry & W	et Waste				0.5		
3	Se	wage	Septic Tai P	nk & Soak 'it				0.4		
4	8 Feet	Tin Sheet	Noise	barrier				0.3		
5	Р	PE's	Air &	Noise				0.3	7	
6	Gree	en Belt lopment	Plant	ation	0.3					
		b) Operat	ion Pha	se (wi	th Break	-up):			
Serial Number	Com	ponent	Descr	iption	Capital cost Rs. In Lacs Operational and Maintena cost (Rs. in Lacs/yr)		Maintenance Lacs/yr)			
1	Су	clone	to control matter e	particulate emission		10 2				
2	Primary T RO-	Γreatment + + ΜΕΕ	to achieve Disch	Zero Liquid narge		20			4	
3	Gree Maint	en Belt tainance	Saplin mainter existing g	ng and nance of green belt		0.7		0.25		
51.S	torage	e of che	micals	(infla: subst	mabl cance	e/explo es)	sive	e/haz	ardou	s/toxic
Descrij	ption	Status	Locat	tion	Storag Capacit in MT	e Maximum Quantity of Storage at any point of time in MT	Conson / in	sumpti Month MT	Source of Supply	Means of transportatio n
Benzoph	lenone	Hazardous	Storage	e Area	12	0		24	Local Market	By HDPE lined drum
Metha	anol	Hazardous	Storage	e Area	22	0		44	Local Market	By HDPE lined drum
Sodium hy	/droxide	Hazardous	Storage	e Area	12	0		24	Local Market	In bags
2-Ethyl Hexa	anoic acid	Flammable	Storage	e Area	4	0		9	Local Market	By HDPE lined drum
4 chloro-2-ni	tro phenol	Hazardous	Storage	e Area	14	0		29	Local Market	In bags
HC	L	Hazardous	Storage	e Area	14	0	2	28.6	Local Market	By HDPE lined drum

O-Toluene Sulfonamide	Flammable	Storage Area	7	0	15.4	Local Market	By HDPE lined drum
Sulfuric Acid	Hazardous	Storage Area	7	0	28	Local Market	By HDPE lined drum
Chromic Acid	Hazardous	Storage Area	2	0	16.8	Local Market	By HDPE lined drum
Sodium Carbonate	Hazardous	Storage Area	1	0	5.6	Local Market	In bags
Anthranilic Acid	Hazardous	Storage Area	5	0	19	Local Market	By HDPE lined drum
Acetic Acid	Flammable	Storage Area	0.38	0	0.38	Local Market	By HDPE lined drum
Sodium Bi Carbonate		Storage Area	1.9	0	1.9	Local Market	n bags
Dichloromethane	Hazardous	Storage Area	19	0	38	Local Market	By HDPE lined drum
Calcium Hydroxide	Hazardous	Storage Area	2	0	4	Local Market	In Bags
Propionic acid	Flammable	Storage Area	4	0	8	Local Market	By HDPE lined drum
Aniline	Flammable	Storage Area	4	0	8	Local Market	By HDPE lined drum
Bis ethyl Amino chloride hydrochloride	Hazardous	Storage Area	7	0	15	Local Market	By HDPE lined drum
Toluene	Flammable	Storage Area	20	0	50	Local Market	By HDPE lined drum
Cyanoacetamide	Hazardous	Storage Area	1	0	3.6	Local Market	In Bags
Isovaleraldehyde	Flammable	Storage Area	0.5	0	1.8	Local Market	By HDPE lined drum
Piperidine	Inflammable	Storage Area	0.5	0	1.8	Local Market	By HDPE lined drum
Urea	Hazardous	Storage Area	1.2	0	1.2	Local Market	In Bags
Lactic acid	Hazardous	Storage Area	1.5	0	2.8	Local Market	By HDPE lined drum
Cetyl alcohol	Hazardous	Storage Area	4	0	7.7	Local Market	In Bags
		52.Any Othe	er Infor	mation			
No Information Availa	ble						
		53.Traffic	Manage	ement			
S	Nos. of the to the main design of confluence	junction n road & 1 No. to A	Aurangabad	to Paithan	Road		



	Number and area of basement:	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	800 Sq.M.
	Area per car:	12 Sq.M.
	Area per car:	12 Sq.M.
Parking details:	Number of 2- Wheelers as approved by competent authority:	10 nos.
	Number of 4- Wheelers as approved by competent authority:	10 nos.
	Public Transport:	5 nos.
	Width of all Internal roads (m):	6 meter
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	Category "B", 5 (f)- Synthetic Organic Chemical
	Court cases pending if any	Not Applicable
	Other Relevant Informations	It is proposed intermediate drug manufacturing industry. A site is located on private barren land at Chittegaon Village, Aurangabad District. A site is well connected to the Aurangabad-Paithan road. Site is well surrounded by other industrial units such as Videocon, R.L. Steels & Energy Ltd, Cement Manufacturing, and other stone crusher unit etc.
	Have you previously submitted Application online on MOEF Website.	Yes
C V	Date of online submission	08-04-2017
	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.	-

The proposal was considered in 143rd meeting of SEAC-1 the observations of the committee were as below,

During deliberations it was observed that the proposal submitted is on non MIDC area. PP was not sure whether the land use in proposed gut number is allowed for chemical industry as per approved Regional Plan of Aurangabad district.

PP has not indicated the quantity and source of water required for production, utility and domestic use.

In view of above SEAC directed PP to submit authentic documents confirming the land use and also submit water requirement calculation to decide on the category of the industry.

SEAC-1 decided to defer the proposal till PP submits above information.

DECISION OF SEAC

PP remained absent for the meeting, However PP uploaded following request on web site dated 06.12.2017

" Our proposal (SEIAA-Statement-0000000698) for securing ToR was apprised in 143rd SEAC meeting dated 11th October 2017. After detailed discussion and deliberation in the referenced meeting, committee defer our proposal subject compliance of observations sought by the committee. We are in the process to compliance of observations and it will get submit shortly, until that time we request you keep our proposal in abeyance. Kindly acknowledge our request and do the needful."

In view of above request from the PP SEAC-1 decided to keep the proposal in abeyance till PP informs readyness for the presentation.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-I decided to defer the proposal till PP submits the additional information as per above conditions within 30 days



SEAC Meeting number: 146 Meeting Date January 30, 2018

Subject: Environment Clearance for Proposed Expansion of Sugar plant from 7000TCD to 9000TCD at Viilage Bhende,Newasa, Ahemdnagar, Maharashtra

1.Name of P	roject			Proposed Exp Ahemdnagar,	ansion of Sugar plant fro Maharashtra	om 7000TC	D to 9000TC	D at Viilage Bhende,Newasa,	
2.Type of ins	titution			TOR					
3.Name of P	roject Propo	nent		Mr.Anil Pand	it Shewale				
4.Name of C	onsultant			Ultra- Tech E	nvironment consultancy	and Lab (La	ab. MoEF ga	zetted).	
5.Type of pro	oject			Industry					
6.New project/mode in existing p	ct/expansion ernization/di roject	in exis	sting cation	Expansion				6	
7.If expansion whether envelopment has been obto project	on/diversifica ironmental o tained for ex	ation, clearan isting	ce	Yes				OA	
8.Location o	f the project	,		Survey NO 32	20 & 334				
9.Taluka				Newasa					
10.Village				Bhende (Bk)				7	
Corresponde	ence Name:			Post Bhende	Bk, Taluka Newasa, Disti	rict Ahmedı	nagar		
Room Numb	er:			NA					
Floor:				NA					
Building Na	me:			NA					
Road/Street	Name:			NA					
Locality:				NA					
City:				Ahmednagar					
11.Area of th	ne project			Grampanchay	vat Bhende (Bk)				
				Grampanchayat Bhende (Bk)					
12.IOD/IOA/	Concession/I	Plan		IOD/IOA/Con	ncession/Plan Approval	Number:	NA		
Approval Nu	mber			Approved Bi	ilt-up Area: 1320000				
13.Note on t applicable)	he initiated	work (lf	NA					
14.LOI / NOO Other approv	C / IOD from vals (If appli	MHAD	A/	NA					
15.Total Plot	t Area (sq. m	n.)		1320000					
16.Deductio	ns	C		Not Applicabl	е				
17.Net Plot a	area)	1320000					
				a) FSI area (sq. m.): 18000				
18.Proposed	Built-up Are	ea (FSI	&	b) Non FSI a	rea (sg. m.): Not applic	able			
Non-FSI)				c) Total BUA area (sq. m): 18000					
19.Total gro	und coverag	e (m2)		Not applicable					
20.Ground-c (Note: Perce to sky)	overage Perontage of plo	centage t not o	e (%) pen	80000	<u> </u>				
21.Estimated	d cost of the	projec	t	0					
	2	2.N	um	ber of k	ouildings & :	its co	nfigur	ation	
Serial number	Buildin	ng Nar	ne & 1	number	Number of	floors	He	ight of the building (Mtrs)	
1	1	Not ap	olicabl	е	Not applic	able		Not applicable	
23.Number tenants an	r of d shops	Not a	pplica	ble					
								i	
2 2	Aners-	-						Signature:	

SEAC Meeting No: 146 Meeting Date: January 30, 2018

Abhay Pimparkar (Secretary SEAC-I) Name: Dr. Umakant Gangatrao Dangat

Page 24
of 83Dr. Umakant Dangat
(Chairman SEAC-I)

24.Number expected re users	r of esidents /	Not applica	ble						
25.Tenant per hectar	density e	Not applica	ble						
26.Height building(s)	of the								
27.Right of (Width of t from the n station to t proposed h	f way he road earest fire he wilding(s)	Own Fire St	wn Fire Station with well equipped arrangements						
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation6m						OAG			
29.Existing structure ().Existing ructure (s) if any existing Sugar Unit					6			
30.Details of the demolition with disposal (If applicable)					00				
			31. P	roduct	ion Details				
Serial Number	Pro	duct	Existing	(MT/M) Proposed (MT/M)		Total (MT/M)			
1	Su	gar	25200 M	T/Month	7200 MT/Month	32400MT/Month			
2	Co-gen	Power	31.5M	IW/Hr	0	0			
		3	2.Tota	l Wate	r <mark>Requireme</mark> r	nt			
		Source of	water	Mula Dam H	Right Cannal				
		Fresh wate	er (CMD):	700					
		Recycled w Flushing (vater - CMD):	3850					
		Recycled w Gardening	vater - (CMD):	850					
		Swimming make up (pool Cum):	Not applicable					
Dry season		Total Wate Requireme :	er ent (CMD)	4550					
	~	Fire fightin Undergrou tank(CMD)	ng - Ind water):	Not applicable					
		Fire fightin Overhead tank(CMD)	ng - water):	Not applica	Not applicable				
		Excess trea	ated water	Not applicable					



		Source of wa	ter	Mula Dam Right Cannal								
		Fresh water	(CMD):	15								
		Recycled wat Flushing (CM	ter - 1D):	0								
		Recycled wat Gardening (C	cer - CMD):	10								
		Swimming po make up (Cu	ool m):	Not applicable								
Wet season: Total Water Requirement (CMD) :				25								
		Fire fighting Underground tank(CMD):	- l water	Not applical	ole			. 6				
		Fire fighting Overhead wa tank(CMD):	- ter	Not applical	ole							
		Excess treate	ed water	r Not applicable								
Details of s pool (If an	Swimming y)	Not applicable	è									
		33	.Detail	s of Tota	l water co	nsume	d					
Particula	Cons	sumption (CM	D)	I	Loss (CMD)		Effluent (CMD)					
rs			-									
rs Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
rs Water Require ment Industrial Process	Existing 665	Proposed	Total 850	Existing 0	Proposed	Total 3789	Existing 0	Proposed	Total 0			
rs Water Require ment Industrial Process Fresh water requireme nt	Existing 665 35	Proposed 185 15	Total 850	Existing 0 0	Proposed 1083 0	Total 3789 0	Existing 0 0	Proposed 0 0	Total 0 0			
rs Water Require ment Industrial Process Fresh water requireme nt Gardening	Existing 665 35 761	Proposed 185 15 89	Total 850 50 850	Existing 0 0 0 0	Proposed 1083 0	Total 3789 0	Existing 0 0 0	Proposed 0 0 0 0	Total 0 0 0			
rs Water Require ment Industrial Process Fresh water requireme nt Gardening Industrial Process	Existing 665 35 761 3850	Proposed 185 15 89 1100	Total 850 50 850 4950	Existing 0 0 0 3789	Proposed 1083 0 0 1211	Total 3789 0 0 5000	Existing 0 0 0 761	Proposed 0 0 0 0 89	Total 0 0 0 850			
rs Water Require ment Industrial Process Fresh water requireme nt Gardening Industrial Process	Existing 665 35 761 3850	Proposed 185 15 89 1100	Total 850 50 850 4950	Existing 0 0 0 0 3789	Proposed 1083 0 0 1211	Total 3789 0 0 5000	Existing 0 0 0 761	Proposed 0 0 0 89	Total 0 0 0 850			



	Level of the Ground water table:	4 to 5m
	Size and no of RWH tank(s) and Quantity:	Not applicable
34.Rain Water Harvesting (RWH) 35.Storm water drainage	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
drainage	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable
	Sewage generation in KLD:	60
	STP technology:	MBBR
Sewage and	Capacity of STP (CMD):	1 no. 70KL
Waste water	Location & area of the STP:	near colony
	Budgetary allocation (Capital cost):	5 lacs
	Budgetary allocation (O & M cost):	1.0Lacs
	36.Soli	d waste Management
Waste generation in	Waste generation:	Negligible
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Not Applicable
	Dry waste:	350kg/day
	Wet waste:	150kg/day
Macha manana it	Hazardous waste:	0.30 MT/Month Reused in own boiler as fuel
in the operation Phase	Biomedical waste (If applicable):	Not Applicable
I HUSC.	STP Sludge (Dry sludge):	5kg/day Used as manure
	Others if any:	Not applicable



		Dry waste	•	sent to auth	norized contr	ractor			
		Wet waste		sent for cor	nposting				
		Hazardou	s waste:	Reused in c	wn boiler as	fuel			
Mode of I of waste:	Disposal	Biomedica applicable	al waste (If e):	Not applica	ble				
		STP Sludg sludge):	je (Dry	Use as man	ure				
		Others if	any:	Not any					
		Location(s):	south of lay	rout				
Area for th of waste & material:		he storage & other	20m2					A	
		Area for n	nachinery:	Not any					
Budgetary	allocation	Capital co	st:	5lacs					
(Capital co O&M cost)	st and	0 & M cos	st:	1 lacs					
			37.Ef	fluent C	harecter	estic	S		
Serial Number	Paran	neters	Unit	Inlet E Charect	ffluent cerestics	Or Ch	utlet I narect	Effluent terestics	Effluent discharge standards (MPCB)
1	р	Н	Not Applicable	3.5	-4.5		6	-7	5.5-8.5
2	BC	DD	Mg/lit	7	19		8	39	100
3	CC	DD	Mg/lit	16	82	238			250
4	TS	SS	Mg/lit	12	126		8	34	100
5	5 Oil & grease Mg/lit				6 <2 10				
Amount of effluent generation 417 m3									
Capacity of	the ETP:		1800 KL						
Amount of t recycled :	reated efflue	ent	NA						
Amount of v	water send to	o the CETP:	Nil						
Membershi	p of CETP (if	f require):	Nil						
Note on ETP technology to be used			This is sobe blow-down. be provided alternative, further trea min plant, l	er water exce A detention I. The water this will be ated. The Mo aboratory ar	ept temperat tank with su after cooling used as dilue derately poll ad process, w	ure, co uitable y will b ents to luted w which h	omes f holdin e suita mode vastew nas lov	rom cooling ng capacity able for irri rate effluen vater is the v pH and ha	g-purging and boiler and shallow depth shall gation purpose. As an at, stream (B) below and floor vessel washing, de- as organic matter. After
Disposal of	the ETP sluc	lge	To be sent	to Compostir	ng				
	\mathbf{S}		38.Ha	zardous	Waste D	etai	ls	i	_
Serial Number	Descr	iption	Cat	UOM	Existing	Prop	osed	Total	Method of Disposal
1	Used/ s	pent oil	5.1	MT/Month	11	()	11	Reused in own boiler as fuel
			39.S t	tacks em	ission D	etail	S		
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	Boiler	40 TPH	Bag	asse	1	6	5	3.0	120
Abhay Pimp SEAC-I)	oarkar (Secre	etary SE A	AC Meeting N	o: 146 Meeti 30, 2018	ng Date: Jan	uary	Pa	ge 28 Dr. of 83 (Ch	nature: me: Dr. Umakant Gangarzo Dangat Umakant Dangat airman SEAC-I)

2	Boiler	80 TPH		Baga	asse	2	76	3.33	120		
3	Boiler 1	10 TPH		Baga	asse	3	85	3.45	120		
			4().De	tails of F	uel to b	e used				
Serial Number	Тур	e of Fuel			Existing		Proposed	I	Total		
1	E	Bagasse			1761MT/Day		0		1761 MT/Day		
41.Source of	of Fuel			Own I	bagasse avai	lable from	sugare cane	crushed			
42.Mode of	Transportat	ion of fuel to	site	Conve	er Belt						
		Total RG a	rea :		4,50,000m2						
		No of trees to be		e cut	No				.6		
43.Gree	n Belt	Number of be planted	f trees	to	40000						
Develop	ment	List of pro native tree	posed s :		40000 nos.				9		
		Timeline for completion of plantation :			Till the com	pletion of p	project	50			
	44.Nu	mber and	l list	of t	rees spe	cies to l	oe plante	d in the	ground		
Serial Number	Name of	e of the plant Con			n Name	Qua	antity	Characteristics & ecological importance			
1	Mangife	er indica		Mango		, i	500		Fruit bearing evergreen tree		
2	Polyalthia	lthia longifolia		Ashok		2000		e	evergreen tree		
3	Ficus be	ngalensis		Wad		50		Fruit bearing evergreen tree			
4	Coccos	nucifera	Na	ariyal/	coconut	4	000	Fruit be	earing evergreen tree		
5	Eucal	lyptus		Nil	giri	5000		deciduo	us MEDICINAL TREE		
6	Anno	na sp		Sita	afal	1000		Fruit be	earing evergreen tree		
7	Terminali	a catappa	В	Badam/Almond		3800		Fruit bearing evergreen tree			
8	Deloni	x regia		Gulm	lohar	Ę	500	Flower b	earing deciduous tree		
9	Ficus re	ecemosa		Pim	pal		50	Fruit be	earing evergreen tree		
10	Tamarind	lus indica		Chi	ninch 3000		000	Fruit bearing evergreen tree			
11	Ficus gl	omerata		Um	bar	ar 100		Fruit bearing evergreen tree			
12	Acc	acia		Bab	hul	6	000	Ι	Deciduous tree		
13	Citrus r	eticulata	S	antra/	Orange	1	00	Fr	Fruit bearing tree		
14	Pap	aya		Pap	aya	2	000	Fr	Fruit bearing tree		
15	Cit	rus	Lemo		ion,	1	000	Fr	uit bearing tree		
16	Syz	ium		Jamb/	Guava	r 2	200	Fruit be	Fruit bearing evergreen tree		
17	Tectona	a gradis		Sa	ag	8	000	Ι	Deciduous tree		
18	Phylanthu	ıs emblica		Aar	vla		700	Fruit be	earing evergreen tree		
45	5.Total quar	ntity of plan	nts on	grour	nd						
46.Num	nber and	list of sl	nrub	s an	d bushes	species	s to be p	lanted in	the podium RG:		
Serial Number		Name			C/C Dista	nce		Are	a m2		
1	Not	applicable			Not applic	able		Not ap	plicable		

ager of the est			Signature: Name: Dr. Umakant Gangetreo Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 29	Dr. Umakant Dangat
SEAC-I)	30, 2018	of 83	(Chairman SEAC-I)

			47.Ener	` gy			
		Source of power supply :	Own Power Gen	eration / MSEDCL			
		During Construction Phase: (Demand Load)	40KVA				
		DG set as Power back-up during construction phase	100KVA				
Por	MOT	During Operation phase (Connected load):	3700KVA				
require	ement:	During Operation phase (Demand load):	Not applicable	0			
		Transformer:	Not applicable				
		DG set as Power back-up during operation phase:	2 no. of 400KVA	& 1 no. of 1000KVA DG sets			
		Fuel used:	HSD				
		Details of high tension line passing through the plot if any:	Not applicable	Not applicable			
		48.Energy sav	ing by non-c	onventional method:			
planetary d	rive for boili	ng house equipment's a	nd Variable feed d	rive(VFD)			
		49.Detail	calculations	& % of saving:			
Serial Number	E	nergy Conservation M	leasures	Saving %			
1	planetary	drive for boiling house Variable feed drive(N	Equipment's and 3%				
		50.Details	of pollution control Systems				
Source	Ex	isting pollution contr	ol system	Proposed to be installed			
STP	Conventio	onal STP outlet water us	ed for gardening	NA			
ETP		ETP		NA			
Boiler Stack 1		Wet Scrubber		NA			
Boiler Stack 2	<u>c</u>	ESP		NA			
Budgetary	allocation	Capital cost:	Not applicable				
O&M	cost):	O & M cost:	Not applicable				
51	.Enviro	onmental Ma	nagement	plan Budgetary Allocation			
		a) Constru	ction phase	(with Break-up):			
Serial Number	Attri	butes Para	meter	Total Cost per annum (Rs. In Lacs)			
1	Air Polluti	on Control RSPM,	SO2, NOx	1.0			
2	No	ise De	cibel	05			

all and and and			Signature: Name: Dr. Umakant Gangetreo Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 30	Dr. Umakant Dangat
SEAC-I)	30, 2018	of 83	(Chairman SEAC-I)

			b) Operat	ion Pl	hase (wi	th Brea	k-up):			
Serial Number	Com	ponent	Descr	ription	Cap	ital cost Rs Lacs	. In Opera c	tional and ost (Rs. in	Maintenance Lacs/yr)	
1	Air Pollut	ion Control	RSPM, S	502, NO	x	300		30		
2	Gree	en Belt	Lands	caping		75		10		
3	Online N	<i>lonitoring</i>	Air and	d water		60		6		
4	E	TP	Effl	uent		200		25		
5	S	TP	waste			25		1.5		
6	Occupational Health LABOUR		LABOUR H	Halth che Ip	eck	5		10		
7	Rainwater Harvesting		tank for r harve	rain wate esting	er	5		5		
51.S	torage	e of ch	emicals	(infl sub	amabl stance	e/expl	osive/haz	zardou	s/toxic	
				Jub	Stante	Marimur				
Descrij	ption	Status	Locatio	n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation	
NA	NA NA NA		NA		NA	NA	NA	NA	NA	
	•	•	52.A	ny Ot	her Info	rmation	L	•	-	
No Informa	tion Availab	ole		0						
			53.	Traffi	c Mana	gement				
		Nos. of the main design of confluen	he junction ain road & f ce:	well co	nnected to	sate highwa	y about 500m f	from site		
		Number basemen	and area of t:	Not ap	plicable					
		Number podia:	and area of	Not ap	plicable					
		Total Par	king area:	3ha						
		Area per	car:	60m2						
		Area per	car:	60m2						
Parking details:		Number Wheelers approved competer authority	of 2- s as l by nt ':	Not applicable						
		Number Wheelers approved competer authority	of 4- s as l by nt 7:	Not ap	plicable					
		Public Ti	ansport:	well co	nnected to	sate highwa	y about 500m f	from site		
		Width of roads (m	all Internal):	6m						



	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
e I	Category as per schedule of EIA Notification sheet	5 (j) -B, 1(d)-
i	Court cases pending if any	NA
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
]	Date of online submission	23-10-2015

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 5(j)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015 in 146th meeting of SEAC-1.

DECISION OF SEAC

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 carry out Public Hearing as per EIA Notification ,2006 and submit the reprot along with final EIA/EMP report.

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

Specific Conditions by SEAC:

1) PP to submit certified copy of compliance of earlier EC No. 00000167 dated 23.10.2017 from Regional Office of MoEF&CC, Nagpur as per OM issued by MoEF&CC on 07/09/2017

2) PP to include detailed material balance charts 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.

3) PP to carry out HAZOP and QRA and submit report

4) PP to submit detailed water balance calculations showing water required for domestic and industrial use, generation of sewage and effluent and also submit design details of ETP.

5) PP submit copy of agreement made with the competent authority for lifting of water from Mula Dam Right Canal.6) PP to submit detailes of sugar cane cultivation in the factory area giving details of consumption of water, fertilizers, pesticides, insecticides etc. and its impact on surrounding environment. PP to submit their plan to achieve 100% drip irrigation for the sugar cane cultivation in the factory area.

7) PP to submit specific CSR activities prepared in consultation with the District Collector and CEO Z.P. with funds allocation and time limits for implementation.

8) PP to include technical note on the proposed requirement of modernization in the EIA reprot.



FINAL RECOMMENDATION

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

Stitute



SEAC Meeting number: 146 Meeting Date January 30, 2018

Subject: Environment Clearance for Environmental Clearance for M/s. N. N. Global Mercantile Pvt. Ltd. at Survey no. 131/1 (Part) & 131/2 (Part), Muthara Village, Taluka - Rajura, District - Chandrapur, Maharashtra

1 M				DDODOGED F	VDANGLONI AND MODEDN				A MET DE CUALING DI ANT				
1.Name of P	roject			PROPOSED E	OPOSED EXPANSION AND MODERNIZATION TO 0.96 MTPA WET DE-SHALING PLANT								
2. Type of ms				Chri Inich Del	vate ri Inish Pal Singh Bhatia and Mr. Ravinder Pal Singh Bhatia								
3.Name of P	roject Propo	nent		Shri Inish Pal	Singn Bhatia and Mr. Ravi	nder Pal	Singn	Bhatla					
4.Name of C	onsultant			Green Circle,	Inc. and Mantras Green Re	esources	Lta.						
5. Type of pro				Not applicabl	e								
6.New project project/mode in existing p	ct/expansion ernization/di roject	in exis versific	ting cation	Proposed Exp	ansion & Modernization Pr	roject			Ċ				
7.If expansion whether envelopment has been obto project	on/diversifica ironmental c ained for ex	ntion, clearand isting	ce	Environmenta : MPCB/14/09 MPCB/16/022	ll Clearance was not requir 396 & CTO was obtained o 97/ROC/218/2016.	red, CTE on dated	was ob 16.02.2	tained 016 Co	on dated 10.10.2014 Consent no. onsent no.				
8.Location o	f the project			Survey no. 13 Maharashtra	1/1 (Part) & 131/2 (Part), M	Authara	Village,	Taluka	a - Rajura, District - Chandrapur,				
9.Taluka				Rajura									
10.Village				Rajura									
Corresponde	ence Name:			Pasricha Buil	ding, Opp. Janta collage , C	ivil Line	, Nagpu	r Road	, Chandrapur - 442401				
Room Numb	er:			NA									
Floor:				NA									
Building Na	me:			NA									
Road/Street	Name:			Civil Line, Na	gpur Road,								
Locality:				Chandrapur									
City:				Chandrapur									
11.Area of th	ne project			Other Area									
				Not applicable									
12.IOD/IOA/Concession/Plan			IOD/IOA/Concession/Plan Approval Number: Not applicable										
Approval Nu	mber			Approved Built-up Area: 1273.75									
13.Note on the initiated work (If applicable)				Not applicable									
14.LOI / NOC Other approv	C / IOD from vals (If appli	MHAD cable)	A/	Not applicable									
15.Total Plot	t Area (sq. m	ı.)		16187.4 sq. m.									
16.Deduction	ns	C		Not applicable									
17.Net Plot a	area)	16187.4 sq. m.									
				a) FSI area (sq. m.): Not applicable									
18.Proposed	Built-up Are	ea (FSI	&	b) Non FSI area (sg. m.): Not applicable									
Non-FSI)	\sim			c) Total BUA area (sg. m.): 1273.75									
19.Total gro	und coverage	e (m2)		8843.4									
20.Ground-c (Note: Perce	overage Pero ntage of plo	centage t not of	e (%) pen	Not Applicable									
to sky)	Langt (Cr)			10500000									
21.Estimated	l cost of the	project	t	12500000									
	2	2.N	uml	ber of k	ouildings & it	S CO	nfig	jura	ation				
Serial number	Buildin	ng Nan	ne & r	number	Number of flo	oors		Hei	ght of the building (Mtrs)				
1	Ν	Not app	licabl	е	Not applicab	le			Not applicable				
23.Number tenants an	r of d shops	Not a	pplical	ble									
Abhay Pimparkar (Secretary SEAC D				C Meeting No	p: 146 Meeting Date: Jan 30, 2018	nuary	Pag	je 34 of 83	Signature: Name: Dr. Umakant Gangetreo Dangat Dr. Umakant Dangat (Chairman SEAC-I)				

24.Number expected r users	r of esidents /	Not applica	ot applicable							
25.Tenant per hectar	density e	Not applica	ble							
26.Height building(s)	of the)									
27.Right o (Width of t from the n station to t proposed h	f way the road earest fire the puilding(s)	18 m	3 m							
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	7 m								
29.Existing structure	J (s) if any	Existing ind	lustry (as pe	r CTO)		0				
30.Details demolition disposal (I applicable	of the with f	Not applica								
			31.P	roduc t	tion Details					
Serial Number	Pro	duct	Existing	(MT/M) Proposed (MT/M) Total (MT/M)						
1	Wet De-sh Capa	aling Plant acity	0.5 N	ИТРА	0.46 MTPA	0.96 MTPA				
		3	2.Tota		L					
	Source of water				r kequiremen	L				
		Source of	water	low height and existing	bund over nearby nallah, g tube wells for domestic	L Storage pond for process water use				
Recycled water -		Source of Fresh wate	water er (CMD):	low height and existing Not applica	bund over nearby nallah, g tube wells for domestic ble	L Storage pond for process water use				
		Source of v Fresh wate Recycled v Flushing (water er (CMD): vater - CMD):	low height and existing Not applica	bund over nearby nallah, g tube wells for domestic ble ble	L Storage pond for process water use				
		Source of v Fresh wate Recycled v Flushing (v Recycled v Gardening	water er (CMD): vater - CMD): vater - (CMD):	low height and existing Not applica Not applica	r Requiremen bund over nearby nallah, g tube wells for domestic ble ble	L Storage pond for process water use				
		Source of v Fresh wate Recycled w Flushing (Recycled w Gardening Swimming make up (water er (CMD): vater - CMD): vater - (CMD): pool Cum):	low height and existing Not applica Not applica Not applica	r Requiremen bund over nearby nallah, g tube wells for domestic ble ble ble	L Storage pond for process water use				
Dry seasor		Source of v Fresh wate Recycled v Flushing (Recycled w Gardening Swimming make up (Total Wate Requirements ;	water er (CMD): vater - CMD): vater - (CMD): pool Cum): er ent (CMD)	low height and existing Not applica Not applica Not applica Not applica	r Requiremen bund over nearby nallah, g tube wells for domestic ble ble ble ble	L Storage pond for process water use				
Dry seasor		Source of v Fresh wate Recycled w Flushing (v Recycled w Gardening Swimming make up (v Total Wate Requirements : Fire fightin Undergrout tank(CMD	water er (CMD): vater - CMD): vater - (CMD): pool Cum): er ent (CMD) er ent (CMD) ng - und water):	low height and existing Not applica Not applica Not applica Not applica Not applica	r Requiremen bund over nearby nallah, g tube wells for domestic ble ble ble ble ble ble	L Storage pond for process water use				
Dry seasor		Source of v Fresh wate Recycled v Flushing (v Recycled v Gardening Swimming make up (v Total Wate Requirements : Fire fightin Undergrout tank(CMD) Fire fightin Overhead v tank(CMD)	water er (CMD): vater - (CMD): vater - (CMD): pool Cum): er ent (CMD) ng - und water): mg - water):	Not application Not application Not application Not application Not application Not application Not application Not application	r Requiremen bund over nearby nallah, g tube wells for domestic ble ble ble ble ble ble ble	L Storage pond for process water use				



Source of water				low height b and existing	und over near tube wells for	by nallah, domestic	Storage pone use	d for process v	vater			
		Fresh water	(CMD):	Not applicat	ole							
		Recycled wat Flushing (CM	cer - 1D):	Not applicable								
		Recycled wat Gardening (C	er - CMD):	Not applicat	Not applicable							
		Swimming po make up (Cu	ool m):	Not applicat	ole							
Wet season: Requirement (CN :			t (CMD)	Not applicat	ot applicable							
		Fire fighting Underground tank(CMD):	- l water	Not applicat	ble			0,				
		Fire fighting Overhead wa tank(CMD):	- ter	Not applicat	ble		~					
		Excess treate	ed water	Not applicat	ole							
Details of pool (If an	Swimming y)	Not applicable	9									
		33	.Detail	s of Tota	l water co	nsume	d					
Particula rs	Cons	sumption (CM	D)	Loss (CMD)			Effluent (CMD)					
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Industrial Process	-	-	200	-	-	200	-	-	0.0			
Fresh water requireme nt	-	- 5.0			-	5.0	-	-	0.0			
Domestic	-	-	0.5	-	-	0.1	-	-	0.4			
Gardening	-	-	2.0	-	-	2.0	-	-	0.0			
	6											


	Level of the Ground water table:	18.00 to 450.54 m bgl						
	Size and no of RWH tank(s) and Quantity:	Harvested water will be collected in bund for storage, which will be utilized in the plant						
	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) :	Rs. 5 Lakhs						
	Budgetary allocation (O & M cost) :	Rs. 0.5 Lakhs						
	Details of UGT tanks if any :	Harvested water will be collected in bund for storage, which will be utilized in the plant						
	Natural water drainage pattern:	Towards North						
35.Storm water drainage	Quantity of storm water:	0.148 m3/sec						
	Size of SWD:	1.5 m x 1.5 m						
	Sewage generation in KLD:	0.4 KLD						
	STP technology:	NA as it will be disposed off into Soak Pit.						
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.Solie	d waste Management						
Waste generation in	Waste generation:	Construction debris, Waste concrete, metallic waste, plastics, broken bricks etc.						
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Construction debris, Waste concrete and broken bricks will be utilized in low-land leveling, secondary concrete, below roads. Some quantity of Excavation soil will be use for back-filling and remaining will be hand over to authorized vendor.						
	Dry waste:	Stones & Shales						
	Wet waste:	-						
Waste generation	Hazardous waste:	Used oil						
in the operation Phase:	Biomedical waste (If applicable):	NA						
	STP Sludge (Dry sludge):	NA						
	Others if any:	NA						

age of the ser			Signature: Name: Dr. Umakant Gångetrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 37	Dr. Umakant Dangat
SEAC-I)	30, 2018	of 83	(Chairman SEAC-I)

Dry waste:					Stones will be used for paving of the surrounding area and for making of approach road and Shales will be disposed off by selling it to the owners of brick Kilns							
Wet waste:					-							
Mode of I	s wast	e:	will be sold	off to	autho	rized r	e-proc	essor				
of waste:	-	Biomedica applicable	l wast):	te (If	NA							
		STP Sludg sludge):	e (Dry	7	NA							
		Others if a	ny:		NA							
		Location(s	s):		NA							
Area requirem	ent:	Area for tl of waste & material:	ne stor : other	rage r	NA							.6
		Area for n	achin	ery:	NA							
Budgetary	allocation	Capital co	st:		NA							
(Capital co O&M cost)	st and	O & M cos	t:		NA							
			3	7.Ef	fluent C	hare	cter	estic	s 🗖			
Serial Number	Paran	neters	U	nit	Inlet E Charect	ffluer eresti	nt ics	O Cł	utlet I harect	Efflue: eresti	nt cs	Effluent discharge standards (MPCB)
1	Phenolic (Compound	m	g/l	<0.	001			<0.	001		1.0
Amount of e (CMD):	effluent gene	eration	0.4 KLD of Domestic effluent will be generated.									
Capacity of	the ETP:		NA	A								
Amount of treated effluent NA												
Amount of water send to the CETP: NA												
Membershi	p of CETP (if	f require):	NA									
Note on ET	P technology	v to be used	NA		$\mathbf{\mathbf{x}}$							
Disposal of	the ETP sluc	lge	NA									
			3	8.Ha	zardous	Was	ste D	etai	ls			
Serial Number	Descr	iption	С	at	UOM	Exis	ting	Prop	osed	То	tal	Method of Disposal
1	Use	d oil	5	.1	Litres per annum		-	6	0	6	0	sold off to authorized re-processor
			2	89.S 1	t <mark>acks em</mark>	issio	on Do	etail	5			
Serial Number	Section	& units	Fu	uel Us Qua	ed with ntity	Stac	k No.	Hei fro gro level	ght om und (m)	Inte diam (n	rnal leter n)	Temp. of Exhaust Gases
1	D. G sets:	125 KVA	Diese	el: 26.2	25 Litres/hr		1	7	m	0.	2	100 °C
			4	0.De	tails of F	uel	to b	e use	ed			
Serial Number	Тур	e of Fuel	Fuel Existing Proposed Total					Total				
1		Diesel			- 26.25 Litres/hr for D.G set of 125 KVA 26.25 Litres/hr					26.25 Litres/hr		
41.Source of Fuel Local Market												
42.Mode of	Transportat	ion of fuel to	site	Road	Transport							
Abhay Pimp SEAC-I)	oarkar (Secre	etary SEA	C Mee	ting N	o: 146 Meeti 30, 2018	ng Dai	te: Jan	uary	Pa	ge 38 of 83	Signat Name: Dr. U (Chai	ure: Dr. Umakant Gangetreo Dangat makant Dangat rman SEAC-I)

		-									
		Total RG a	rea :	5344 sq. m.	(Existing: 1584 sq	I.m. & P	roposed: 3760 sq. m.)				
		No of trees	s to be cut	NA							
43.Green Belt		Number of be planted	trees to	150							
Develop	ment	List of pro native tree	posed es :	Neem, Nilg	Neem, Nilgiri, Babool, Saras, Kachnar, Jamun, Ashok etc.						
		Timeline for completion plantation	or 1 of :	1 years							
	44.Nu	mber and	l list of t	rees spe	cies to be pla	anted	in the ground				
Serial Number	Name of	the plant	Commo	n Name	Quantity		Characteristics & ecological importance				
1	Acacia	arabica	Bak	oool	10	i	t is a medium sized, thorny, nearly evergreen tree that can reach a height of 20-25 m				
2	Acacia	catechu	Kh	aie	10		this tree is deciduous & has short nooked spines that reach up to the height of 9 to 12 m				
3	Acocia le	a leucophloea Hiv		var	10		The tree is harvested from the wild for a range of purposes, including edible seeds, useful timber, tannins and gum.				
4	Adina C	Adina Cordifolia Ha		aldu 10			Haldina cordifolia is a deciduous tree with a large crown; generaly growing from 18 - 30 metres tall. The plant is harvested from the wild for its useful timber.				
5	Aegle m	armelos	В	el	10	0	Bael or Aegle marmelos is a spiritual, religious and medicinal plant, native of India and Bangaladesh and spread throughout South East Asia. The fruit balances Kaph and Vata doshas, its roots improve ligestion, leaves are good for pain, stem for heart and bel flower's for curing of diarrhea.				
6	Albizia	Albizia lebbeck Sa		Albizia lebbeck Saras		ras	10	t	it is a very fast-growing deciduous ree with an open, large, spreading crown; it usually reaches a height of 15 - 20 metres, with exceptional specimens growing up to 30 metres.		
7	Azadirachta indica Neem		em	15		All parts of Neem tree used as anthelmintic, anti-fungal, anti- diabetic, antibacterial, antiviral, contraceptive and sedative. Neem tree is used in many medicinal treatment like skin diseases, healthy hair, improve liver function, detoxify the blood, Pest and disease control, fever reduction, dental treatments, cough, asthma, ulcers, piles, intestinal worms, urinary diseases etc.					
	Ranges	-					Signature:				

CLOP 2	
Abhay Pimparkar (Seci	retary
SEAC-I)	

SEAC Meeting No: 146 Meeting Date: January 30, 2018 Page 39 of 83 Name: Dr. Umakant Gangetreo Dangat Dr. Umakant Dangat (Chairman SEAC-I)

8	Bauhinia r	n malabarica An		nli	1	0	It treats oral disorders, helps to cure toothache, Aids in headache, treats hunch back, Aids in wounds, helps in bleeping piles, cures burning sensation.		
9	Bouhinia	ı purpurea Kacl		hnar	1	.0	Bauhinia purpurea is an erect, evergreen shrub or tree with a very bushy crown; it can grow 7 - 10 metres tall.		
10	Bouhinia	Racemosa	Aj	ota	1	.0	it is a rare medicinal species of flowering shrub with religious significance.		
11	Eucalyptu	ıs hybrida	Nil	giri	1	.0	Tall evergreen tree with smooth and greyish bark, bark exfoliates in plates or strips.		
12	Eugenia J	ambolana	Jar	nun	1	.0	Fruit, fodder, poles, timber, fuel,medicinal (flowers fruits)		
13	Ficus r	eligiosa	Pee	epal	1	.0	Avenue trees, fuel, fodder		
14	Saraca	a asoka	As	hok	1	.5	Shady tree with red-yellow flowers.		
45	5.Total qua	ntity of plants o	n grou	nd					
46.Nun	ıber and	list of shru	bs 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.EI	nergy				
		Source of pow supply :	er	MSEDCL	MSEDCL				
		During Constr Phase: (Demar Load)	uction nd	Existing facility will be utilized					
		DG set as Pow back-up durin construction p	er g hase	Existing fac	cility will be	utilized			
Doy	NOT	During Operat phase (Connec load):	ion sted	Electricity is already available at site; Enhanced requirement shall be obtained from MSEDCL and total Power requirement is 0.6 MW.					
requirement: During Operation phase (Demand load):		Electricity i obtained fro	is already av om MSEDCL	ailable at sit . and total Po	e; Enhanced requirement shall be ower requirement is 0.6 MW.				
Transformer:			-						
DG set as Power back-up during operation phase:		er g se:	D. G sets: 1	25 KVA (For	Emergency	use only)			
		Fuel used:		Diesel will	be used in D	.G set. (Quar	ntity: 26.25 Litres/hr)		
Details of high tension line passing through the plot if any:			Not Applica	able					
	48.Energy saving by non-conventional method:								



1. The proposed project will provide enough day light factors in the building to permit maximum day light to interior to minimize overall energy consump

2. Focusing on the high performance energy efficient U & R values can bring down the building energy consumption i.e. the operational cost for the any commercial buildings.

- 3. To the extent possible and technically feasible, energy efficient equipment will be selected.
- 4. Maximize the use of natural lighting through design

management facility

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

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

	4	9.Detail	calculati	ons	& % of saving:	
Serial Number	Energy Cons	servation M	easures		Saving %	
1	Not	Applicable			Not Applicable	
	50	.Details	of polluti	ion d	control Systems	
Source	Existing pollu	ution contro	l system		Proposed to be installed	
Air Emission		-			 Water shall be sprayed on the coal during the unloading of trucks to prevent fugitive dust emission. All screens shall be provided with top hood to arrest any fine dust generated during the screening operation. All transfer points of the belt conveyors shall be provided with water mist sprays to prevent formation of dust. Prior to the crusher, atomized water spray nozzles shall be installed so as not to allow any generation of dust during the crushing. Enclose chutes shall be used 	
Water		-			The wet de-shaling process will be operated in closed water circuit hence there is no process effluent generation from the proposed project. It is proposed to use Powdered Coal (-200 Micron) as the washing Media. The media will be recollected from below the de-watering screens and taken to a conical vessel. Since the screens are fitted with showers for washing off the Media, the collected media would be diluted, so to maintain the required gravity in the system, fresh Media will be added from an	
Solid/ Hazardous waste		C.I	<u>}</u> *		• The solid wastes generated during the course of operation are mostly shale and small quantity of stones associated with the mining operation. • The stones having no calorific value will be used for paving of the surrounding area and for making of approach road. • The shale which has low calorific value is a good fuel for brick kilns and will be disposed-off by selling it to the owners of brick Kilns.	
Budgetary	allocation Capital co	st:	Not Applica	ble		
(Capital O&M	cost): 0 & M cos	st:	Not Applica	ble		
51	.Environmen	tal Mar	nageme	nt j	plan Budgetary Allocation	
	a)	Construe	c tion pha	se (with Break-up):	
Serial Number	Attributes	Para	meter		Total Cost per annum (Rs. In Lacs)	
1	Dust suppression	Water sprin ma	nkling, dust ask		0.5	
2	Green Belt development	Tree pla	antation		2.0	
3	Solid waste	Solid wast	e collection		0.5	



and disposal facility

4 Environment Monitoring charges of Air, water, noise							0.5					
5	Occupat	ional Health	Health chee	ck-up, Pl	PEs	1.0						
		h) Operat	ion Pl	has	e (wi	th Brea	k-up):			
Serial Number	Con	ponent	Descr	iption		Capital cost Rs. In Lacs			Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Rain Wate	er Harvesting	Rain Water	Harvest	ting		1.0			0.25		
2	Air Pollu	tion Control	Pollution meas	n control sures	l		5.0			0.5		
3	Water Co	Pollution ontrol	Pollution meas	n control sures	l		10.0			1.0		
4	Noise Ce	Pollution ontrol	Pollution meas	n control sures	l		0.5			0.5		
5	Envi Monit Man	ronment oring and agement	Enviro Monitor Manag	onment ring and Jement			-			0.5		
6	Healtl	n & safety	Occupation Saf	al Healt fety	h &		1.5			0.5		
7	Gre	en Belt	Green develo	Green belt development			2.0			0.5		
8	/Solid /	Hazardous vaste	Solid manag	waste Jement		0.5				0.25		
9	CSR	Activity		-			2.0			-		
51.S	torag	e of che	micals	(infl sub	an sta	nabl ance	e/expl es)	osiv	/haz	zardou	s/toxic	
Descri	ption	Status	Locatio	Location Sto Caj in			Maximum Quantity of Storage at any point of time in MT	Cons / M	umption onth in MT	Source of Supply	Means of transportation	
NA	Į	NA	NA]	NA	NA		NA	NA	NA	
			52.A	ny Ot	her	Info	ormation	1				
No Informa	tion Availa	ble										
			53.	Traffi	c M	Iana	gement					
	Nos. of the junction to the main road & design of confluence: One No.											



	Number and area of basement:	Not Applicable						
	Number and area of podia:	Not Applicable						
	Total Parking area:	806 sq. m.						
	Area per car:	-						
	Area per car:	-						
Parking details:	Number of 2- Wheelers as approved by competent authority:	-						
	Number of 4- Wheelers as approved by competent authority:	A						
	Public Transport:	1 Km away from the plant boundary						
	Width of all Internal roads (m):	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	Category "B"						
	Court cases pending if any	Not Applicable						
	Other Relevant Informations	Not Applicable						
	Have you previously submitted Application online on MOEF Website.	Yes						
	Date of online submission	18-02-2016						
	Brief informa	tion of the project by SEAC						

PP submitted their application for the grant of TOR under category 2(a)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015 in 131st meeting of SEAC-1 where in ToR was granted with few additional points. A site visit was conducted on 09.06.2016 by the committee.

Now PP submitted the EIA/EMP reprot for appraisal.

DECISION OF SEAC

agger of the state			Signature: Name: Dr. Umakant Gaugetreo Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 43	Dr. Umakant Dangat
SEAC-I)	30, 2018	of 83	(Chairman SEAC-I)

During deliberations with the PP and his accrediated consultant it was observed that PP neither complied with the ToR points nor having adequate information regarding the project.

In view of inadequate compliance and information provided by the PP, SEAC decided to defer the proposal till PP submits adequate information.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

stinsu SEAC-I decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

agroans 1 ŝ. Signature: Name: Dr. Umakant Gangetreo Dangat SEAC Meeting No: 146 Meeting Date: January Abhay Pimparkar (Secretary Dr. Umakant Dangat **Page 44** SEAC-I) 30, 2018 (Chairman SEAC-I) of 83

SEAC Meeting number: 146 Meeting Date January 30, 2018

Subiect:	Environment	Clearance	for N	Jew 21	l MW	Co-generation	project
Canjeeu		oroaranoo				gonoradion	P10J000

1.Name of Project		New 21 MW	Co-generation project						
2.Type of institution		Private							
3.Name of Project Propo	nent	Prasad Sugar	& Allied Agro Products Ltd.						
4.Name of Consultant		Vasantdada Sugar Institute							
5.Type of project		Industrial project							
6.New project/expansion project/modernization/d in existing project	in existing iversification	n New 21 MW Co-generation project							
7.If expansion/diversifica whether environmental of has been obtained for ex- project	ation, clearance cisting	N.A.							
8.Location of the project	t	Survey numb	er 912-915, Vambori						
9.Taluka		Rahuri							
10.Village		Vambori							
11.Area of the project		Other area							
		NOC from vil	lage Panchayat dated 03/03/2011						
12.IOD/IOA/Concession/	Plan	IOD/IOA/Con	ncession/Plan Approval Number: No	applicable					
rippioval ivalised		Approved B	uilt-up Area: 18211						
13.Note on the initiated applicable)	work (If	No work has	been initiated						
14.LOI / NOC / IOD from Other approvals (If appli	MHADA/ icable)	NOC from villlage Panchayat dated 03/03/2011							
15.Total Plot Area (sq. n	1.)	1,29,499 sq.n	n.						
16.Deductions		Not applicabl	le						
17.Net Plot area		Not applicabl	le						
		a) FSI area	(sq. m.): Not applicable						
18.Proposed Built-up Ar	ea (FSI &	b) Non FSI a	area (sq. m.): Not applicable						
		c) Total BUA area (sq. m.): 18211							
19.Total ground coverag	je (m2)	Not applicabl	le						
20.Ground-coverage Per (Note: Percentage of plo to sky)	centage (%) it not open	Not applicabl	le						
21.Estimated cost of the	project	101140000							
2	2.Num	ber of l	ouildings & its conf	figuration					
Serial number Buildin	ng Name & 1	number	Number of floors	Height of the building (Mtrs)					
1	Not applicabl	е	Not applicable	Not applicable					
23.Number of tenants and shops	Number of Not applicable								
24.Number of expected residents / users Not applicable									
25.Tenant density per hectare	Not applica	ble							
26.Height of the building(s)	26.Height of the building(s)								



27.Right of (Width of t from the n station to t proposed h	f way the road earest fire the puilding(s)	Not applica	ble						
28.Turning for easy ac fire tender movement around the excluding t for the pla	y radius cess of from all building the width ntation	Not applica	ble						
29.Existing structure (J s) if any	Not applica	ble						
30.Details demolition disposal (I applicable)	of the with f	Not applica	ble			AC			
			31. P	Product	tion Details				
Serial Number	Pro	luct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Elect	ricity	N	.A.	21 MW	-			
		3	2.Tota	l Wate	r Requiremen	ıt			
		Source of	water	Mula Right	bank Canal water				
		Fresh wate	er (CMD):	138 CMD (During season) & 209 CMD (During off-season)					
		Recycled w Flushing (vater - CMD):	Not applica	able				
		Recycled w Gardening	vater - (CMD):	20 CMD ETP treated water					
		Swimming make up (pool Cum):	Not applicable					
Dry season	::	Total Wate Requireme :	er ent (CMD)	347 CMD					
· Fire fighting - Underground water tank(CMD):			200 CM						
Fire fighting - Overhead water tank(CMD):				Not applicable					
		Excess trea	ated water	437 CMD					



		Course of wa	ton	Not applicab							
		Source of wa		Not applicat							
		Fresh water	(CMD):	Not applicat	DIG						
		Recycled wat Flushing (CM	er - ID):	Not applicat	ole						
		Recycled wat Gardening (C	er - CMD):	Not applicab	ole						
		Swimming po make up (Cu	ool m):	Not applicable							
Wet season: Total Water Requirement (CMD) :			Not applicable								
		Fire fighting Underground tank(CMD):	- I water	Not applicat	ble			.6			
		Fire fighting Overhead wa tank(CMD):	- ter	Not applicat	ble						
		Excess treate	ed water	Not applicab	ole						
Details of spool (If an	Swimming y)	Not applicable)			C					
		33.	.Detail	s of Total	l water co	nsume	đ				
Particula rs	Cons	sumption (CM	D)	I	Loss (CMD)		Effluent (CMD)				
Water				Existing Proposed Total							
Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Require ment Domestic	Existing N.A.	Proposed 5.0	Total 5.0	Existing	Proposed 3.0	Total 3.0	Existing N.A.	Proposed 3.0	Total 3.0		
Require ment Domestic	Existing N.A.	Proposed 5.0	Total 5.0	Existing N.A.	Proposed 3.0	Total 3.0	Existing N.A.	Proposed 3.0	Total 3.0		
Require ment Domestic	N.A.	Proposed 5.0 Level of the (water table:	Total 5.0 Ground	Existing N.A. 20 and 40 m	Proposed 3.0	Total 3.0	Existing N.A.	Proposed 3.0	Total 3.0		
Require ment Domestic	N.A.	Proposed 5.0 Level of the (water table: Size and no o tank(s) and Quantity:	Total 5.0 Ground of RWH	Existing N.A. 20 and 40 m 17,655 sq.m	Proposed 3.0	Total 3.0 tity- 6000	Existing N.A. cu.m.	Proposed 3.0	Total 3.0		
Require ment Domestic	N.A.	Proposed 5.0 Level of the (water table: Size and no of tank(s) and Quantity: Location of t tank(s):	Total 5.0 Ground of RWH	Existing N.A. 20 and 40 m 17,655 sq.m Roof top are	Proposed 3.0 01 No., Quan	Total 3.0 tity- 6000	Existing N.A.	Proposed 3.0	Total 3.0		
Require ment Domestic 34.Rain V Harvestin	Existing N.A.	Proposed 5.0 Level of the (water table: Size and no of tank(s) and Quantity: Location of t tank(s): Quantity of r pits:	Total 5.0 Ground of RWH he RWH echarge	Existing N.A. 20 and 40 m 17,655 sq.m Roof top are 01	Proposed 3.0	Total 3.0 tity- 6000	Existing N.A. cu.m.	Proposed 3.0	Total 3.0		
Require ment Domestic 34.Rain V Harvestin (RWH)	Existing N.A.	Proposed 5.0 Level of the (water table: Size and no of tank(s) and Quantity: Location of t tank(s): Quantity of r pits: Size of recha	Total 5.0 Ground of RWH he RWH echarge rge pits	Existing N.A. 20 and 40 m 17,655 sq.m Roof top are 01 50x60x2m	Proposed 3.0	Total 3.0 tity- 6000 t	Existing N.A.	Proposed 3.0	Total 3.0		
Require ment Domestic 34.Rain V Harvestin (RWH)	Existing N.A.	Proposed 5.0 Level of the G water table: Size and no of tank(s) and Quantity: Location of t tank(s): Quantity of r pits: Size of recha : Budgetary al (Capital cost)	Total 5.0 Ground of RWH he RWH echarge rge pits location) :	Existing N.A. 20 and 40 m 17,655 sq.m Roof top are 01 50x60x2m Rs. 4682.89	Proposed 3.0 01 No., Quan a of Sugar uni Lakhs	Total 3.0 tity- 6000 t	Existing N.A.	Proposed 3.0	Total 3.0		
Require ment Domestic 34.Rain V Harvestin (RWH)	Existing N.A.	Proposed 5.0 Level of the C water table: Size and no of tank(s) and Quantity: Location of t tank(s): Quantity of r pits: Size of recha : Budgetary al (Capital cost) Budgetary al (O & M cost)	Total 5.0 Ground of RWH he RWH echarge rge pits location) : location	Existing N.A. 20 and 40 m 17,655 sq.m Roof top are 01 50x60x2m Rs. 4682.89 Rs.84 Lakhs	Proposed 3.0 01 No., Quan a of Sugar uni Lakhs	Total 3.0 tity- 6000 t	Existing N.A. Cu.m.	Proposed 3.0	Total 3.0		
Require ment Domestic 34.Rain V Harvestin (RWH)	Existing N.A.	Proposed 5.0 Level of the G water table: Size and no of tank(s) and Quantity: Location of t tank(s): Quantity of r pits: Size of recha : Budgetary al (Capital cost) Budgetary al (O & M cost) Details of UG if any :	Total 5.0 Ground of RWH he RWH echarge rge pits location) : location : T tanks	Existing N.A. 20 and 40 m 17,655 sq.m Roof top are 01 50x60x2m Rs. 4682.89 Rs.84 Lakhs One under g	Proposed 3.0 01 No., Quan a of Sugar uni Lakhs	Total 3.0 tity- 6000 t	Existing N.A. Cu.m. Cu.m. Cu.m.	Proposed 3.0	Total 3.0		
Require ment Domestic 34.Rain V Harvestin (RWH)	Existing N.A.	Proposed 5.0 Level of the G water table: Size and no of tank(s) and Quantity: Location of t tank(s): Quantity of r pits: Size of recha : Budgetary al (Capital cost) Budgetary al (O & M cost) Details of UG if any :	Total 5.0 Ground of RWH he RWH echarge rge pits location) : location CT tanks	Existing N.A. 20 and 40 m 17,655 sq.m Roof top are 01 50x60x2m Rs. 4682.89 Rs. 4682.89 Rs.84 Lakhs One under g	Proposed 3.0 01 No., Quan a of Sugar uni Lakhs	Total 3.0 tity- 6000 t	Existing N.A. Cu.m. Cu.m	Proposed 3.0	Total 3.0		
Require ment Domestic 34.Rain V Harvestin (RWH)	Existing N.A.	Proposed 5.0 Level of the C water table: Size and no of tank(s) and Quantity: Location of t tank(s): Quantity of r pits: Size of recha : Budgetary al (Capital cost) Budgetary al (O & M cost) Details of UG if any :	Total 5.0 Ground of RWH he RWH echarge rge pits location) : location cr tanks	Existing N.A. 20 and 40 m 20 and 40 m 17,655 sq.m Roof top are 01 50x60x2m Rs. 4682.89 Rs. 4682.89 Rs.84 Lakhs One under g	Proposed 3.0 01 No., Quan a of Sugar uni Lakhs proundwater re- entritic and tre	Total 3.0 tity- 6000 t servoir of ellis type of	Existing N.A. Cu.m. Cu.m	Proposed 3.0	Total 3.0		
Require ment Domestic 34.Rain V Harvestin (RWH) 35.Storm drainage	Existing N.A.	Proposed 5.0 Level of the G water table: Size and no of tank(s) and Quantity: Location of t tank(s): Quantity of r pits: Size of recha : Budgetary al (Capital cost) Budgetary al (O & M cost) Details of UG if any : Natural wate drainage patt Quantity of s water:	Total 5.0 Ground of RWH he RWH echarge rge pits location): location): location): T tanks	Existing N.A. 20 and 40 m 20 and 40 m 17,655 sq.m Roof top are 01 50x60x2m Rs. 4682.89 Rs. 4682.89 Rs. 4682.89 Rs. 4682.89 Mixture of d 3485 cu.m. p	Proposed 3.0 01 No., Quan a of Sugar uni Lakhs proundwater re- entritic and tro per annum	Total 3.0 tity- 6000 t servoir of ellis type of	Existing N.A. Cu.m. Cu.m	Proposed 3.0	Total 3.0		
Require ment Domestic 34.Rain V Harvestin (RWH) 35.Storm drainage	Existing N.A.	Proposed 5.0 Level of the C water table: Size and no of tank(s) and Quantity: Location of t tank(s): Quantity of r pits: Size of recha : Budgetary al (Capital cost) Budgetary al (Capital cost) Details of UG if any : Natural wate drainage patt Quantity of s water: Size of SWD:	Total 5.0 Ground of RWH he RWH echarge rge pits location): location CT tanks r tern: torm	Existing N.A. 20 and 40 m 20 and 40 m 17,655 sq.m Roof top are 01 50x60x2m Rs. 4682.89 Rs. 4682.89 Rs. 4682.89 Rs. 4682.89 Mixture of d 3485 cu.m. p	Proposed 3.0 3.0 01 No., Quan a of Sugar uni a of Sugar uni Lakhs proundwater re- entritic and tro per annum 450 m X 0.600	Total 3.0 tity- 6000 t servoir of ellis type of m	Existing N.A. Cu.m. Cu.m	Proposed 3.0	Total 3.0		



		Sewage ge in KLD:	neration	4						
		STP techno	ology:	Septic tank-soak pit						
Sowago	and	Capacity o (CMD):	f STP	Not available						
Waste w	allu vater	Location & the STP:	area of	N.A.						
		Budgetary (Capital co	allocation ost):	N.A.						
		Budgetary (O & M cos	allocation st):	n N.A.						
			86.Soli	d waste Mana	gement	2				
Waste gen	eration in	Waste gen	eration:	Soil and grits						
the Pre Co and Constr phase:	nstruction ruction	Disposal o construction debris:	f the on waste	Internal roads and mino	r leveling work	S				
		Dry waste:		Fly ash (8482 MT/Year)						
		Wet waste		ETP sludge (10.35 MT/Y	'ear)					
Waste ge	neration	Hazardous	waste:	Spent oil (2 MT/ Year)						
in the op Phase:	eration	Biomedica applicable	l waste (If):	N.A.						
		STP Sludg sludge):	e (Dry	Dry N.A.						
		Others if a	ny:	N.A.						
		Dry waste:		Used for compost making process or sold to brick manufacturer						
		Wet waste	:	Used for composting						
		Hazardous	waste:	Burnt in the boiler as fuel						
Mode of a of waste:	Disposal	Biomedica applicable	l waste (If):	N.A.						
		STP Sludg sludge):	e (Dry	N.A.						
		Others if a	ny:	N.A.						
		Location(s):	Within factory premises						
Area requirem	ent:	Area for th of waste & material:	e storage other	Approx. 0.5 acre=2000sq.m.						
		Area for m	achinery:	9637 sq.m.						
Budgetary	allocation	Capital cos	st:	7138 Lakhs for machine	ry					
(Capital co O&M cost)	st and	O & M cos	t:	80 Lakhs						
			37.Ef	fluent Charecter	estics					
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)				
1	р	H	-	3.5-5.0	6.5-8.0	6.5-8.0				
2	BC	DD	mg/l	600-800	<100	100				
3	CC	DD	mg/l	1600-3000	<250	250				
4	Oil & Grease mg,		mg/l	100-130	<10	10				

ager of the est			Signature: Name: Dr. Umakant Gangetrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 48	Dr. Umakant Dangat
SEAC-I)	30, 2018	of 83	(Chairman SEAC-I)

5	Total Suspe	ended Solid	m	g/l	1500	-2000		<2	200		-
6	Total Diss	olved Solid	m	g/l	1500	-2000		< 2	100		2100
Amount of e (CMD):	effluent gene	eration	310 (during	r season) and	d 138 (during	g off season)			
Capacity of	the ETP:		500 (CMD							
Amount of t recycled :	reated efflue	ent	3160								
Amount of v	water send to	o the CETP:	N.A.								
Membershi	p of CETP (if	f require):	N.A.								
Note on ET	P technology	to be used	Anae reuse colle Zero	erobic U ed for o cted ar Liquid	USBR followe cooling activit nd cooled in a Discharge (ed by a ities an separa ZLD) v	activat nd/ or ite por vill be	ed sludge pr for greenbel nds/tanks and achieved	ocess. E t/irrigati d recycle	TP ti on • ed af	reated water will be Hot water will be ter cooling. Hence,
Disposal of	the ETP sluc	lge	ETP	Sludge	will be used	l as ma	anure				
			3	8.H a	zardous	Was	ste D	etails		-	
Serial Number	Descr	iption	C	at	UOM	Exis	ting	Proposed	Tota	1	Method of Disposal
1	Spei	nt oil	5	.1	MT/Y			2 MT/Y	2 MT/	/Y	Burnt in boiler
			5	39.St	acks em	issio	n D	etails	<u> </u>		
Serial Number	Section	& units	F	uel Us Quai	ed with ntity	Stacl	k No.	Height from ground level (m)	t Internal diameter n) (m) Temp. of Ex Gases		Temp. of Exhaust Gases
1	Bo	iler	Bag sea (1	asse 4 son) & For off	1 TPH (for 21.1 TPH -season)	0	1	72	3.5		80
			4	0.De	tails of F	uel	to b	e used			
Serial Number	Тур	e of Fuel			Existing			Proposed			Total
1	E	Bagasse	C		N.A.		Dı seaso	uring Crushing on: 984 During off season: 21.1		984 TPD	
41.Source of	of Fuel			Own	Sugar factor	У					
42.Mode of	Transportat	ion of fuel to	site	Conv	eyor						
		Total RG a	rea :		4046.86 sq.	.m.					
		No of tree:	s to b	e cut	No tree cut	ting re	equire	d			
43.Gree	n Belt	Number of be planted	f trees	s to	Approx. 250	00-300	0				
Develop	ment	List of pro native tree	posed es :	1	Babhul, Sul Kanher etc.	babhul	, Neer	n, Gulmohar	, Aavala,	, Kar	anj, Shisham, Pimpal,
		Timeline f completion plantation	or n of :		3 years						
	44.Nu	mber and	l lis	t of t	rees spe	cies	to b	e planteo	d in th	ıe g	jround
Serial Number	Name of	the plant	C	ommo	n Name		Qua	ntity	Char	acte	eristics & ecological importance

all and and and			Signature: Name: Dr. Umakant Gaugareo Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 49	Dr. Umakant Dangat
SEAC-I)	30, 2018	of 83	(Chairman SEAC-I)

1	Acacia	nilotic	a	Bak	ohul		13	0	Dust	tolerant, very common in the region
2	Acacia lei	ucophl	oea	Suba	ibhul		90)	Tol	lerant to air pollution, very common in the region
3	Aegal m	armalo	se	В	el		80)	Tol	lerant to air pollution, very common in the region
4	Azadirac	cta indi	ca	Ne	em		10	0	Fl alkali	y ash tolerant ,Tolerant of ne and Saline soil, common in the area
5	Cordi	a spp.		Bho	okar		50)		Dust tolerant
6	Deloni	x regia	L	Gulmohar			10	0		Fly ash tolerant
7	Ficus be	ngalen	sis	W	ad		90)	Fluo	ride tolerant, common in the region
8	Ficus r	eligios	a	Pin	npal		80)	Т	Colerant of CO2, common
9	Tamarino	lus ind	ica	Chi	nch		11	0		Tolerant to acidic soil
10	Nerium o	odoratı	ım	Kar	nher		12	0	I	Folerant of SO2, common
45	5.Total qua	ntity o	f plants or	grou	nd					
46.Num	nber and	list	of shruk	os an	d bushes	s spe	cies	to be	plante	d in the podium RG:
Serial Number		Name			C/C Dista	nce		C	\mathbf{O}	Area m2
1		N.A.			N.A.					N.A.
				4	47. Er	ıerg	JY	Y		
		Sour supp	ce of powe ly :	r	Captive		5			
		Durin Phas Load	ng Constru e: (Demano)	ction 1	Captive app	orx. 0.5	5 MW			
		DG so back- const	et as Powe -up during truction ph	r lase	DG set of 75	50 KVA	A capac	city		
		Durii phase load)	ng Operati e (Connect :	on ed	Captive power requirement (Sugar+co-generation) =5.70 MW					
Pov require	wer ement:	Durin phase load)	ng Operati e (Demand :	on	N.A.					
		Tran	sformer:		N.A.					
	C V	DG so back opera	et as Powe -up during ation phase	r e:	DG set of 75	50 KVA	A capac	city		
		Fuel	used:		Diesel for D	G				
		Detai tensi throu any:	ils of high on line pas ıgh the plo	sing t if	N.A.					
		48	.Energy	savi	ng by no	n-co	nven	tiona	l metho	od:
The project	is going to u	use cap	otive power	hence	use of non-co	onvent	ional e	nergy is	s not consid	lered
			49.De	etail	calculati	ons	& %	of sav	ving:	
Serial Number	E	nergy	Conservat	ion M	easures				Sa	wing %
Abhay Pimp SEAC-I)	oarkar (Secre	etary	SEAC Me	eting N	o: 146 Meeti 30, 2018	ng Dat	e: Janu	lary	Page 50 of 83	Signature: Name: Dr. Umakant Gangetzeo Dangat Dr. Umakant Dangat (Chairman SEAC-I)

1			N.A.						N	ſ.A.		
		50	.Details	of pol	lution	contro	ol S	ystei	ns			
Source	Ex	xisting pollu	ition contro	ol systen	n			Prop	osed to) be install	ed	
Flue gas/stack gas emission	Multi	-cyclone dus	t collector, V	Vet scrul	ober	ESP for proposed boiler						
Effluent	500	CMD ETP for	r Sugar and	Co-gen u	ınit		50	0 CME	or Sug	ar and Co-ge	en unit	
Budgetary	allocation	Capital co	st:	Rs. 998	8 Lakhs							
(Capital O&M	cost and cost):	O & M cos	it:	Rs. 84	Lakhs							
51	.Envir	onment	tal Mar	nage	ment	plan	Bı	ıdge	etary	v Alloca	ation	
		a)	Constru	c tion]	phase (with]	Bre	ak-u	p):		3	
Serial Number	Attri	ibutes	Para	meter		То	otal	Cost p	er annu	m (Rs. In I	.acs)	
1	Sprinkling ro	of water on ads	For contro (SI	olling du PM)	ist			A	Approx.	4.00		
2	Elec	tricity	Diesel for	captive l	DG			A	approx. •	4.50		
	-	b) Operat	ion Pl	hase (w	ith B	real	k-up)	n:			
Serial Number	Comj	ponent	Descr	iption	Caj	oital cos Lac	st Rs s	. In	Opera C	tional and cost (Rs. in	Maintenance Lacs/yr)	
1	Air & Nois Coi	se Pollution ntrol		-		132.00			22.00			
2	Water j coi	pollution ntrol		-		-				34.00		
3	Enviro monito manag	onment ring and gement				690.00				1.50		
4	Occupatio	onal Health		-		41.00				5.00		
5	Gree	en Belt				12.00				1.50		
6	Solid mana	waste gement		-		12.00			12.00			
7	Fire pr	rotection		-	_	37.00				4.00		
8	Ash han disj	dling and posal		-		74.0	0			4.00		
9	Te	otal		-		998				84		
51.S	torage	of che	micals	(infl sub	lamab stanc	le/ex es)	pl	osiv	e/ha	zardou	s/toxic	
						Maxin	num					
Descri	ption	Status	Locatio	n	Storage Capacity in MT Storage at any point of time in MT		tity age ny t of in F	Consu / Mo N	imption nth in MT	Source of Supply	Means of transportation	
N.4	A.	N.A.	N.A.		N.A.	N.A	A.	Ν	I.A.	N.A.	N.A.	
			52.A	ny Ot	her Inf	orma	tion	1				
No Informa	tion Availab	le										
Abhay Pimp SEAC-I)	oarkar (Secr	etary SEA	C Meeting N	o: 146 M 30, 20	leeting Da 18	te: Janua	ary	Pag	ne 51 D of 83 (0	Signature: Name: Dr. Umaka Dr. Umakant Chairman SE	n Gangetzeo Danget Dangat EAC-I)	

	53.	Traffic Management
	Nos. of the junction to the main road & design of confluence:	N.A.
	Number and area of basement:	N.A.
	Number and area of podia:	N.A.
	Total Parking area:	6070 sq.m.
	Area per car:	N.A.
	Area per car:	N.A.
Parking details:	Number of 2- Wheelers as approved by competent authority:	N.A.
	Number of 4- Wheelers as approved by competent authority:	N.A.
	Public Transport:	Available
	Width of all Internal roads (m):	6 m wide
	CRZ/ RRZ clearance obtain, if any:	N.A.
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None within 10 km radius of the project site
	Category as per schedule of EIA Notification sheet	Category- B, Item no. 1 (d)
	Court cases pending if any	N.A.
	Other Relevant Informations	N.A.
S	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	24-02-2016
	Brief informa	tion of the project by SEAC

The ToR for the project was granted in the 125th meeting f SEAC-1 held on 12th March, 2016 under category 1(d)B1 to establish 21 MW cogeneration plant using bagasse as a fuel.

Now PP submitted EIA /EMP report for appraisal.

DECISION OF SEAC

Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 146 Meeting Date: January 30, 2018	Page 52 of 83	Signature: Name: Dr. Umakant Gaugetree Dangat Dr. Umakant Dangat (Chairman SEAC-I)	
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After detailed deliberations with the PP and his accredited consultant, SEAC decided to defer the proposal till the submission of complaince of following points.

Specific Conditions by SEAC:

1) PP to submit detailed point wise compliance of the issues raised during the Public Hearing in consultation with the District Authorities.

2) PP to submit excess baggase management plan.

3) PP to submit water balance calculations indicating water required for existing activities, water required for proposed co generation plant, quantity of generation of waste water its treatment and disposal mechanism.

4) PP to submit details of water source being used for existing water demand and also submit copy of an

agreement/permission obtained from competent authority for sustained water supply.

5) PP to submit detailed rain water harvesting calculations.

6) PP to submit proposed CSR activity plan in consultation with District Authorities with funds availability and schedule for its implementation.

7) PP to submit revised EIA/EMP report considering above points for further appraisal.

FINAL RECOMMENDATION

stike SEAC-I decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

aggrotinger (Aller ê. Signature: Name: Dr. Umakant Gangatrao Dangat Abhay Pimparkar (Secretary SEAC Meeting No: 146 Meeting Date: January **Page 53** Dr. Umakant Dangat SEAC-D 30, 2018 of 83 (Chairman SEAC-I)

SEAC Meeting number: 146 Meeting Date January 30, 2018

Subject: Environment Clearance for Environmental Clearance Proposed Expansion of existing Manufacturing unit of M/s. V.V.L.Pharma Pvt.Ltd. at W-230 G, MIDC, Taloja, Tal Panvel, Dist. Raigad (410208) Maharashtra

1.Name of P	roject	Proposed Exp MIDC, Taloja	oansion of existing Manufacturing unit of M , Tal Panvel, Dist. Raigad (410208) Mahara	I/s. V.V.L.Pharma Pvt.Ltd. at W-230 G, .shtra		
2.Type of ins	stitution	Private				
3.Name of P	roject Proponent	M/s. V.V.L.Ph	arma Pvt.Ltd.			
4.Name of C	onsultant	Building Envi	ronment (India) Pvt. Ltd.			
5.Type of pro	oject	Industrial Est	tate			
6.New project project/mode in existing p	ct/expansion in existing ernization/diversification roject	Expansion in	Existing Project	6		
7.If expansion whether environment has been obt project	on/diversification, ironmental clearance tained for existing	No		OA		
8.Location o	f the project	M/s. V.V.L.Ph Maharashtra	arma Pvt.Ltd. at W-230 G, MIDC, Taloja, T	al Panvel, Dist. Raigad (410208)		
9.Taluka		Panvel				
10.Village		Taloja MIDC				
Corresponde	ence Name:	M/s. V.V.L.Ph Maharashtra	arma Pvt.Ltd. at W-230 G, MIDC, Taloja, T	al Panvel, Dist. Raigad (410208)		
Room Numb	er:	W-230				
Floor:		Ground Floor				
Building Na	me:					
Road/Street	Name:	Near Deepak	Fertilizer Ltd.			
Locality:		NA				
City:		Panvel				
11.Area of th	ne project	MIDC				
		Plan Approve	d from MIDC			
12.10D/10A/ Approval Nu	Concession/Plan mber	IOD/IOA/Concession/Plan Approval Number: BE/TMJ/SPA/BO5597				
II.		Approved B	uilt-up Area: 1223.50			
13.Note on t applicable)	he initiated work (If	1261.30				
14.LOI / NOO Other approv	C / IOD from MHADA/ vals (If applicable)	NA				
15.Total Plot	t Area (sq. m.)	1500.00 sq. r	ntr			
16.Deduction	ns	Not applicable	e			
17.Net Plot a	area	1500.00 sq.m	tr			
		a) FSI area	(sq. m.): 1223.5 sq.mtr			
18.Proposed Non-FSI)	Built-up Area (FSI &	b) Non FSI area (sq. m.): 37.80				
		c) Total BUA	A area (sq. m.): 1261.30			
19.Total gro	und coverage (m2)	630.65				
20.Ground-c (Note: Perce to sky)	overage Percentage (%) ntage of plot not open	42.04				
21.Estimated	d cost of the project	3540000				
	22.Num	ber of l	ouildings & its config	juration		
Serial number	Building Name & 1	number	Number of floors	Height of the building (Mtrs)		
1	Bldg.1,1 No.		G+1	8.5 mtr.		



23.Num tenants	nber of and shops	Not applicable					
24.Num expecte users	nber of ed residents /	Not applicable					
25.Tena per hec	ant density tare	Not applicable					
26.Heig building	Jht of the g(s)						
27.Righ (Width from th station propose	t of way of the road e nearest fire to the ed building(s)	Width of Road - 20 mtr. first right fi	rom Deepak Fertil	izer & then second	l left		
28.Turn for easy fire ten moveme around excludin for the	ning radius 7 access of der ent from all the building ng the width plantation						
29.Exist structur	ting re (s) if any	One Building					
30.Deta demolit disposa applica	iils of the ion with l (If ble)	Not applicable					
		31.Produc	tion Detai	ls			
0 1 1							
Serial Number		Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)		
Serial Number 1		Product Polymethacrylate Beeds	Existing (MT/M)	Proposed (MT/M)	Total (MT/M) 1.0		
Serial Number 1 2		Product Polymethacrylate Beeds Phosphoric acid	Existing (MT/M) 1.0 66.0	Proposed (MT/M) - -	Total (MT/M) 1.0 66.0		
Serial Number123	3,3 Bis (4-h	Product Polymethacrylate Beeds Phosphoric acid ydroxy phenyl)-1-(3H)-(iso Benzofuranon)	Existing (MT/M) 1.0 66.0 5.0 5.0	Proposed (MT/M)	Total (MT/M) 1.0 66.0 5.0		
Serial Number 1 2 3 4	3,3 Bis (4-h	Product Polymethacrylate Beeds Phosphoric acid ydroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone	Existing (MT/M) 1.0 66.0 5.0 -	Proposed (MT/M) 5.0	Total (MT/M) 1.0 66.0 5.0 5.0		
Serial Number 1 2 3 4 5	3,3 Bis (4-h 2-phe	Product Polymethacrylate Beeds Phosphoric acid ydroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone nyl Benzimidazole-5-sulphonic acid	Existing (MT/M) 1.0 66.0 5.0	Proposed (MT/M) 5.0 6.0	Total (MT/M) 1.0 66.0 5.0 5.0 6.0		
Serial Number 1 2 3 4 5 6 7	3,3 Bis (4-h 2-phe	Product Polymethacrylate Beeds Phosphoric acid ydroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone nyl Benzimidazole-5-sulphonic acid Theo bromine Promo Methyl Biphonyl (Promo OTPN)	Existing (MT/M) 1.0 66.0 5.0 - - - -	Proposed (MT/M) 5.0 6.0 5.0 5.0 5.0	Total (MT/M) 1.0 66.0 5.0 5.0 5.0 5.0 5.0 5.0		
Serial Number 1 2 3 4 5 6 7 8	3,3 Bis (4-hy 2-phe 2-Cyano-4-	Product Polymethacrylate Beeds Phosphoric acid ydroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone nyl Benzimidazole-5-sulphonic acid Theo bromine Bromo Methyl Biphenyl (Bromo OTBN) o-benzyl salbutamol	Existing (MT/M) 1.0 66.0 5.0 - - -	Proposed (MT/M)	Total (MT/M) 1.0 66.0 5.0 5.0 6.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0		
Serial Number 1 2 3 4 5 6 7 8 9	3,3 Bis (4-h 2-phe 2-Cyano-4	Product Polymethacrylate Beeds Phosphoric acid ydroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone nyl Benzimidazole-5-sulphonic acid Theo bromine Bromo Methyl Biphenyl (Bromo OTBN) o-benzyl salbutamol 3-hydroxy Acetophenone	Existing (MT/M) 1.0 66.0 5.0 - - - - - - - - - - - - -	Proposed (MT/M) 5.0 6.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	Total (MT/M) 1.0 66.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0		
Serial Number 1 2 3 4 5 6 7 8 9 10	3,3 Bis (4-h 2-phe 2-Cyano-4	Product Polymethacrylate Beeds Phosphoric acid ydroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone nyl Benzimidazole-5-sulphonic acid Theo bromine Bromo Methyl Biphenyl (Bromo OTBN) o-benzyl salbutamol 3-hydroxy Acetophenone Albendazole	Existing (MT/M) 1.0 66.0 5.0 - - - - - - - - - - - - -	Proposed (MT/M) 5.0 6.0 5.0 5.0 5.0 5.0 5.0 5.0 3.0 3.0	Total (MT/M) 1.0 66.0 5.0		
Serial Number 1 2 3 4 5 6 7 8 9 10 11	3,3 Bis (4-h 2-phe 2-Cyano-4-	Product Polymethacrylate Beeds Phosphoric acid ydroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone nyl Benzimidazole-5-sulphonic acid Theo bromine Bromo Methyl Biphenyl (Bromo OTBN) o-benzyl salbutamol 3-hydroxy Acetophenone Albendazole Triclabendazole	Existing (MT/M) 1.0 66.0 5.0 - - - - - - - - - - - - -	Proposed (MT/M)	Total (MT/M) 1.0 66.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 3.0 2.0		
Serial Number 1 2 3 4 5 6 7 8 9 10 11 12	3,3 Bis (4-h 2-phe 2-Cyano-4	Product Polymethacrylate Beeds Phosphoric acid ydroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone nyl Benzimidazole-5-sulphonic acid Theo bromine Bromo Methyl Biphenyl (Bromo OTBN) o-benzyl salbutamol 3-hydroxy Acetophenone Albendazole Triclabendazole 3,34 Trimethoxy Benzaldehyde	Existing (MT/M) 1.0 66.0 5.0	Proposed (MT/M)	Total (MT/M) 1.0 66.0 5.0 6.0		
Serial Number 1 2 3 4 5 6 7 8 9 10 11 12 13	3,3 Bis (4-h) 2-phe 2-Cyano-4 [2,6-dimethoxy 4-[(Z)	Product Polymethacrylate Beeds Phosphoric acid ydroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone nyl Benzimidazole-5-sulphonic acid Theo bromine Bromo Methyl Biphenyl (Bromo OTBN) o-benzyl salbutamol 3-hydroxy Acetophenone Albendazole Triclabendazole ,3,4 Trimethoxy Benzaldehyde -(4-pyridin-2-ylpiperazin-1-yl)iminomethyl]phenyl] acetate (Toldimphos sodium)	Existing (MT/M) 1.0 66.0 5.0 - - - - - - - - - - - - -	Proposed (MT/M)	Total (MT/M) 1.0 66.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 6.0 1.0 1.0		
Serial Number 1 2 3 4 5 6 7 8 9 10 11 12 13 14	3,3 Bis (4-h 2-phe 2-Cyano-4 [2,6-dimethoxy-4-[(Z)	Product Polymethacrylate Beeds Phosphoric acid ydroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone nyl Benzimidazole-5-sulphonic acid Theo bromine Bromo Methyl Biphenyl (Bromo OTBN) o-benzyl salbutamol 3-hydroxy Acetophenone Albendazole Triclabendazole Triclabendazole 3,4 Trimethoxy Benzaldehyde -(4-pyridin-2-ylpiperazin-1-yl)iminomethyl]phenyl] acetate (Toldimphos sodum) 4-methoxy Propiophenone	Existing (MT/M) 1.0 66.0 5.0	Proposed (MT/M)	Total (MT/M) 1.0 66.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 6.0 5.0 5.0 6.0 1.0 2.5		
Serial Number 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	3,3 Bis (4-h 2-phe 2-Cyano-4 2-Cyano-4 [2,6-dimethoxy-4-[(Z)	Product Polymethacrylate Beeds Phosphoric acid Phosphoric acid vdroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone nyl Benzimidazole-5-sulphonic acid Theo bromine Bromo Methyl Biphenyl (Bromo OTBN) o-benzyl salbutamol 3-hydroxy Acetophenone Albendazole Triclabendazole 3.4 Trimethoxy Benzaldehyde -(4-pyridin-2-ylpiperazin-1-yl)iminomethyl]phenyl] acetate (Toldimphos sodium) 4-methoxy Propiophenone Metformin hydrochloride Phosenazine Hydrogelozide	Existing (MT/M) 1.0 66.0 5.0	Proposed (MT/M)	Total (MT/M) 1.0 66.0 5.0 6.0 1.0 2.5 40.0		
Serial Number 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	3,3 Bis (4-h 2-phe 2-Cyano-4 2-Cyano-4 [2,6-dimethoxy-4-[(2)	Product Polymethacrylate Beeds Phosphoric acid ydroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone nyl Benzimidazole-5-sulphonic acid Theo bromine Bromo Methyl Biphenyl (Bromo OTBN) o-benzyl salbutamol 3-hydroxy Acetophenone Albendazole Triclabendazole 3,4 Trimethoxy Benzaldehyde -(4-pyridin-2-ylpiperazin-1-yl)iminomethyl]phenyl] acetate (Toldimphos sodium) 4-methoxy Propiophenone Metformin hydrochloride Piperazine Hydrochloride Etofuline	Existing (MT/M) 1.0 66.0 5.0	Proposed (MT/M)	Total (MT/M) 1.0 66.0 5.0 6.0 1.0 2.5 40.0 4.0 3.0		
Serial Number 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	3,3 Bis (4-h) 2-phe 2-Cyano-4 [2,6-dimethoxy 4-[(Z)	Product Polymethacrylate Beeds Phosphoric acid ydroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone nyl Benzimidazole-5-sulphonic acid Theo bromine Bromo Methyl Biphenyl (Bromo OTBN) o-benzyl salbutamol 3-hydroxy Acetophenone Albendazole Triclabendazole 3,4 Trimethoxy Benzaldehyde -(4-pyridin-2-ylpiperazin-1-yl)iminomethyl]phenyl] acetate (Toldimphos sodium) 4-methoxy Propiophenone Metformin hydrochloride Piperazine Hydrochloride Etofyline mino 3, 5 Dibromo Benzaldehyde	Existing (MT/M) 1.0 66.0 5.0	Proposed (MT/M)	Total (MT/M) 1.0 66.0 5.0 5.0 6.0 5.0 6.0 1.0 2.5 40.0 4.0 3.0 2.0		
Serial Number 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	3,3 Bis (4-h) 2-phe 2-Cyano-4 [2,6-dimethoxy-4-[(Z) 2-A)	Product Polymethacrylate Beeds Phosphoric acid droxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone nyl Benzimidazole-5-sulphonic acid Theo bromine Bromo Methyl Biphenyl (Bromo OTBN) o-benzyl salbutamol 3-hydroxy Acetophenone Albendazole Triclabendazole Triclabendazole (4 pyrdin-2-ylpiperazin-1-yl)iminomethyl]phenyl] acetate (Toldimphos sodium) 4-methoxy Propiophenone Metformin hydrochloride Piperazine Hydrochloride Etofyline mino 3, 5 Dibromo Benzaldehyde Cistosylate	Existing (MT/M) 1.0 66.0 5.0	Proposed (MT/M)	Total (MT/M) 1.0 66.0 5.0 40.0 4.0 3.0 2.0 5.0		
Serial Number 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	3,3 Bis (4-h 2-phe 2-Cyano-4 2-Cyano-4 [2,6-dimethoxy-4-[(Z)	Product Polymethacrylate Beeds Phosphoric acid ydroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone nyl Benzimidazole-5-sulphonic acid Theo bromine Bromo Methyl Biphenyl (Bromo OTBN) o-benzyl salbutamol 3-hydroxy Acetophenone Albendazole Triclabendazole Triclabendazole 3.4 Trimethoxy Benzaldehyde -(4 pyrdin-2-ylpiperazin-1-yl)iminomethyl]phenyl] acetate (Toldimphos sodium) 4-methoxy Propiophenone Metformin hydrochloride Piperazine Hydrochloride Etofyline mino 3, 5 Dibromo Benzaldehyde Cistosylate Lumefantrine	Existing (MT/M) 1.0 66.0 5.0	Proposed (MT/M)	Total (MT/M) 1.0 66.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 3.0 2.5 40.0 4.0 3.0 2.0 5.0 5.0 6.0		
Serial Number 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	3,3 Bis (4-h) 2-phe 2-Cyano-4- [2,6-dimethoxy-4-[(2) 2-A)	Product Polymethacrylate Beeds Phosphoric acid ydroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone nyl Benzimidazole-5-sulphonic acid Theo bromine Bromo Methyl Biphenyl (Bromo OTBN) o-benzyl salbutamol 3-hydroxy Acetophenone Albendazole Triclabendazole 3.4y Trimethoxy Benzaldehyde -(4-pyridin-2-ylpiperazin-1-yl)iminomethyl]phenyl] acetate (Toldimphos sodium) 4-methoxy Propiophenone Metformin hydrochloride Piperazine Hydrochloride Etofyline mino 3, 5 Dibromo Benzaldehyde Cistosylate Lumefantrine 4-methoxy Propiophenone	Existing (MT/M) 1.0 66.0 5.0	Proposed (MT/M)	Total (MT/M) 1.0 66.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 3.0 2.5 40.0 4.0 3.0 2.0 5.0 6.0 5.0 6.0 2.5		
Serial Number 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	3,3 Bis (4-h) 2-phe 2-Cyano-4- [2,6-dimethoxy 4-[(2]	Product Polymethacrylate Beeds Phosphoric acid Phosphoric acid ydroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone myl Benzimidazole-5-sulphonic acid Theo bromine Bromo Methyl Biphenyl (Bromo OTBN) o-benzyl salbutamol 3-hydroxy Acetophenone Albendazole Triclabendazole 3.4 Trimethoxy Benzaldehyde (4-pyridin-2-ylpiperazin-1-yl)iminomethyl]phenyl] acetate (Toldimphos sodium) 4-methoxy Propiophenone Metformin hydrochloride Piperazine Hydrochloride Cistosylate Lumefantrine 4-methoxy Propiophenone	Existing (MT/M) 1.0 66.0 5.0	Proposed (MT/M)	Total (MT/M) 1.0 66.0 5.0 5.0 6.0 5.0 6.0 1.0 2.5 40.0 4.0 3.0 2.0 5.0 6.0 2.5 6.0 2.5 6.0 2.5 6.0 2.5 3.0 2.5 5.0 6.0 2.5 3.0 2.5 3.0 2.5 3.0 2.5 <		
Serial Number 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	3,3 Bis (4-h) 2-phe 2-Cyano-4 [2,6-dimethoxy 4-[(Z) 2-Ai	Product Polymethacrylate Beeds Phosphoric acid ydroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone myl Benzimidazole-5-sulphonic acid Theo bromine Bromo Methyl Biphenyl (Bromo OTBN) o-benzyl salbutamol 3-hydroxy Acetophenone Albendazole Triclabendazole 3.4 Trimethoxy Benzaldehyde -(4-pyridin-2-ylpiperazin-1-yl)iminomethyl]phenyl] acetate (Toldimphos sodium) 4-methoxy Propiophenone Metformin hydrochloride Piperazine Hydrochloride Etofyline mino 3, 5 Dibromo Benzaldehyde Cistosylate Lumefantrine 4-methoxy Propiophenone	Existing (MT/M) 1.0 66.0 5.0	Proposed (MT/M)	Total (MT/M) 1.0 66.0 5.0 5.0 6.0 5.0 3.0 2.5 40.0 4.0 3.0 2.0 5.0 6.0 2.5 6.0 2.5 3.0 2.5 3.0 2.5 3.0 2.5 3.0 2.5 3.0 2.5 3.0 2.0 5.0 6.0 2.5 3		
Serial Number 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	3,3 Bis (4-h) 2-phe 2-Cyano-4 [2,6-dimethoxy=4-[(Z) 2-A	Product Polymethacrylate Beeds Phosphoric acid ydroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone nyl Benzimidazole-5-sulphonic acid Theo bromine Bromo Methyl Biphenyl (Bromo OTBN) o-benzyl salbutamol 3-hydroxy Acetophenone Albendazole Triclabendazole Triclabendazole 4.1 prinethoxy Benzaldehyde -(4 pyrdin-2-ylpiperazin-1-yl)iminomethyl]phenyl] acetate (Toldimphos sodium) 4-methoxy Propiophenone Metformin hydrochloride Piperazine Hydrochloride Etofyline mino 3, 5 Dibromo Benzaldehyde Cistosylate Lumefantrine 4-methoxy Propiophenone Telmisartan Oxyfendazole	Existing (MT/M) 1.0 66.0 5.0	Proposed (MT/M)	Total (MT/M) 1.0 66.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 3.0 2.0 6.0 4.0 3.0 2.0 6.0 2.5 40.0 5.0 6.0 2.5 3.0 2.5 3.0 2.5 3.0 2.5 3.0 2.5 3.0 2.5 3.0 2.0 40.0		
Serial Number 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	3,3 Bis (4-h) 2-phe 2-Cyano-4 [2,6-dimethoxy-4-](Z) 2-Ai	Product Polymethacrylate Beeds Phosphoric acid Ydroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone nyl Benzimidazole-5-sulphonic acid Theo bromine Bromo Methyl Biphenyl (Bromo OTBN) o-benzyl salbutamol 3-hydroxy Acetophenone Albendazole Triclabendazole Triclabendazole 17rinethoxy Benzaldehyde -(4 pyridin-2-ylpiperazin-1-yl)iminomethyl]phenyl] acetate (Toldimphos sodium) 4-methoxy Propiophenone Metformin hydrochloride Piperazine Hydrochloride Etofyline mino 3, 5 Dibromo Benzaldehyde Cistosylate Lumefantrine 4-methoxy Propiophenone Telmisartan Oxyfendazole Alpha Pinene Epoxide Nitroxynil	Existing (MT/M) 1.0 66.0 5.0	Proposed (MT/M) - - 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 3.0 2.0 6.0 1.0 2.5 40.0 3.0 2.0 5.0 6.0 2.5 3.0 2.0 5.0 6.0 2.5 3.0 2.5 3.0 2.0 40.0 2.0	Total (MT/M) 1.0 66.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 3.0 2.5 40.0 3.0 2.0 5.0 6.0 2.5 40.0 2.0 5.0 6.0 2.0 5.0 6.0 2.5 3.0 2.0 5.0 6.0 2.5 3.0 2.5 3.0 2.0 40.0 2.0 40.0 2.0		
Serial Number 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	3,3 Bis (4-h) 2-phe 2-Cyano-4 [2,6-dimethoxy-4-[(2) 2-A	Product Polymethacrylate Beeds Phosphoric acid ydroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone nyl Benzimidazole-5-sulphonic acid Theo bromine Bromo Methyl Biphenyl (Bromo OTBN) o-benzyl salbutamol 3-hydroxy Acetophenone Albendazole Triclabendazole 3.4 Trimethoxy Benzaldehyde -(4-pyridin-2-ylpiperazin-1-yl)iminomethyl]phenyl] acetate (Toldimphos sodium) 4-methoxy Propiophenone Metformin hydrochloride Piperazine Hydrochloride Cistosylate Lumefantrine 4-methoxy Propiophenone Telmisartan Oxyfendazole Alpha Pinene Epoxide Nitroxynil Salbutamol Sulphate	Existing (MT/M) 1.0 66.0 5.0	Proposed (MT/M)	Total (MT/M) 1.0 66.0 5.0 6.0 1.0 2.5 40.0 4.0 3.0 2.0 5.0 6.0 2.5 3.0 2.5 3.0 2.5 3.0 2.5 3.0 2.5 3.0 2.0 40.0 2.0 40.0 2.0		
Serial Number 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	3,3 Bis (4-h) 2-phe 2-Cyano-4 2-Cyano-4 [2,6-dimethoxy 4-[(Z] 2 2-Ai 2-Ai 6-Chloro-5(2,3-	Product Polymethacrylate Beeds Phosphoric acid ydroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone myl Benzimidazole-5-sulphonic acid Theo bromine Bromo Methyl Biphenyl (Bromo OTBN) o-benzyl salbutamol 3-hydroxy Acetophenone Albendazole Triclabendazole 3.4 Trimethoxy Benzaldehyde (4-pyridin-2-ylpiperazin-1-yl)iminomethyl]phenyl] acetate (Toldimphos sodium) 4-methoxy Propiophenone Metformin hydrochloride Piperazine Hydrochloride Cistosylate Lumefantrine 4-methoxy Propiophenone Telmisartan Oxyfendazole Alpha Pinene Epoxide Nitroxynil Salbutamol Sulphate	Existing (MT/M) 1.0 66.0 5.0	Proposed (MT/M)	Total (MT/M) 1.0 66.0 5.0 3.0 2.5 40.0 3.0 2.0 6.0 2.5 3.0 2.0 5.0 6.0 2.5 3.0 2.0 4.0 2.0 40.0 2.0 4.0 2.0 4.0 2.0 4.0 2.0 4.0 2.0 4.0 2.0		
Serial Number 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	3,3 Bis (4-h) 2-phe 2-Cyano-4 [2,6-dimethoxy 4-[(Z) 2 [2,6-dimethoxy 4-[(Z) 2-A 2-A 6-Chloro-5(2,3-	Product Polymethacrylate Beeds Phosphoric acid vdroxy phenyl)-1-(3H)-(iso Benzofuranon) Para Hydroxy Acetophenone myl Benzimidazole-5-sulphonic acid Theo bromine Bromo Methyl Biphenyl (Bromo OTBN) o-benzyl salbutamol 3-hydroxy Acetophenone Albendazole Triclabendazole 3.4 Trimethoxy Benzaldehyde -(4-pyridin-2-ylpiperazin-1-yl)iminomethyl]phenyl] acetate (Toldimphos sodium) 4-methoxy Propiophenone Metformin hydrochloride Piperazine Hydrochloride Etofyline mino 3, 5 Dibromo Benzaldehyde Cistosylate Lumefantrine 4-methoxy Propiophenone Telmisartan Oxyfendazole Nitroxynil Salbutamol Sulphate dichlorophenoxy) 1H- benzimidazole-2-thiol	Existing (MT/M) 1.0 66.0 5.0	Proposed (MT/M) - - 5.0 6.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 3.0 2.0 6.0 1.0 2.5 40.0 3.0 2.0 5.0 3.0 2.5 3.0 2.0 5.0 3.0 2.0 4.0 2.5 3.0 2.5 3.0 2.0 40.0 2.0 40.0 2.0 4.0 2.0 4.0 2.0 4.0	Total (MT/M) 1.0 66.0 5.0 5.0 6.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 3.0 2.0 40.0 3.0 2.0 5.0 6.0 2.5 3.0 2.0 5.0 6.0 2.5 3.0 2.5 3.0 2.0 40.0 2.0 40.0 2.0 40.0 2.0 4.0 2.0 4.0 2.0 4.0 2.0 4.0		

2 - Contractions			Signature:
C669			Name: Dr. Umakant Gangatrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 55	Dr. Umakant Dangat
SEAC-I)	30, 2018	of 83	(Chairman SEAC-I)

29	Ethyl Hexyl Triazone			-	5.0	5.0		
30	Tritylchloride			-	3.0	3.0		
31		Parabromo Benzaldehyde		-	5.0	5.0		
32		Imidazole		-	4.5	4.5		
33	3,4	Dihydroxy 5-Nitro Benzaldehyde		-	2.5	2.5		
34	methyl N-(6-ph	2-DIOIIIdIIyIDelizoate	arbamato	-	1.5	1.5		
36	monifi it (o pire	4-(3-Aminobutyl) phenol	Surbuillato	-	4.0	4.0		
37		Cyromazine		-	2.0	2.0		
38	C	Organic & inorganic chemicals		-	5.0	5.0		
39		Bromo hexane hydrochloride		-	4.0	4.0		
40		Ricobendazole		-	2.0	2.0		
41	3,4 Dichlor	ophenyl-3-4 Dihydro 1,2H Napthal	enone	-	8.0	8.0		
42		Nitroxynii			2.0	2.0		
		32.Tota	l Wate	r Require	ment	6		
		Source of water	MIDC					
		Fresh water (CMD):	60.00					
		Recycled water - Flushing (CMD):	Not applica	able				
		Recycled water - Gardening (CMD):	Not applica	able				
		Swimming pool make up (Cum):	Not applica	able				
Dry season: Requirement (CMD) :		60.00						
Fire fighting - Underground water tank(CMD):			60.00					
		Fire fighting - Overhead water tank(CMD):						
		Excess treated water	Not applica	able				
		Source of water	MIDC					
		Fresh water (CMD):	60.00					
		Recycled water - Flushing (CMD):	Not applicable					
		Recycled water - Gardening (CMD):	Not applicable					
		Swimming pool make up (Cum):	Not applica	able				
Wet season:	Total Water Requirement (CMD) :	60.00						
		Fire fighting - Underground water tank(CMD):	60.00					
	Fire fighting - Overhead water tank(CMD):							
		Excess treated water	Not applica	able				
Details pool (If	Is of Swimming NA							

age of the ser			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 56	Dr. Umakant Dangat
SEAC-I)	30, 2018	of 83	(Chairman SEAC-I)

	33.Details of Total water consumed									
Particula rs	Cons	umption (CM	D)	Ι	Loss (CMD)			Effluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Industrial Process	18	30	48	9 15 24		9	15	24		
Cooling tower & thermopa ck	2	2	4	0.5	0.5	1.0	-	-	-	
Domestic	3	1	4	0.5	0.5	1.0	-	C	-	
Gardening	2	2	4	-	-	-	-	÷	-	
		Level of the water table:	Ground					S		
		Size and no o tank(s) and Quantity:	of RWH	5000 Lit cap	oacity HDPE ta	nk for sto	rage of RWH			
Location of the RWH tank(s):34.Rain Water HarvestingQuantity of recharge pits:			he RWH	Near ETP Si	de					
			echarge	NA						
(RWH)	0	Size of recha :	rge pits	NA						
		Budgetary al (Capital cost	location) :	0.10 Lakh						
		Budgetary al (O & M cost)	location :	0.01 Lakh						
		Details of UG if any :	T tanks	2 Tanks - One is for MIDC Water storage tank and another is for Fire Hydrant system.						
	-	Natural wate drainage pat	r tern:	SWD has been provided along the periphery of site						
drainage	water	Quantity of s water:	torm	-						
		Size of SWD:		600 mm X 6	00 mm					
Sewage generation in KLD:				The Septic T	ank followed l	oy Soak pi	t has been pr	rovided		
		STP technolo	ogy:							
Sowago and		Capacity of S (CMD):	TP							
Waste w	ater	Location & a the STP:	rea of	16.00 sq. mt	r west side of	the compa	any			
		Budgetary al (Capital cost	location):	4.5 Lakh						
		Budgetary al (O & M cost)	location :	0.48 Lakh						



		r.	36.Soli	d waste Manag	gement				
Waste gen	eration in	Waste gen	eration:	Yes, generated					
the Pre Co and Constr phase:	nstruction ruction	Disposal o constructi debris:	f the on waste	We have used debris for land filling purpose					
		Dry waste:		3.0 kg per day					
		Wet waste	•	2.0 kg per day					
Waste ge	neration	Hazardous	s waste:	0.78 MT/A					
in the op Phase:	eration	Biomedica applicable	l waste (If):	NA					
		STP Sludg sludge):	e (Dry	0.78 MT/A ETP Sludge	0.78 MT/A ETP Sludge				
		Others if a	ny:	NA					
		Dry waste:		by hand send to Mumba	i waste management				
		Wet waste	:	by hand send to Mumba	i waste management				
		Hazardous	waste:	will be disposed through	n CHWTSDF, Taloja				
Mode of of waste:	Disposal	Biomedica applicable	l waste (If):	Not Applicable					
STP Slud sludge):		STP Sludg sludge):	e (Dry	ETP sludge will be dispo	osal through CHWTSDF,	Taloja			
Others if any:			ny:	Not Applicable					
Location(s):			;):	Not Applicable					
Area for the sto of waste & othe material:		ne storage other	Scrap yard Near ETP						
		Area for m	achinery:	Not Applicable					
Budgetary	allocation	Capital co	st:	0.50 Lakh					
(Capital co O&M cost)	st and :	O & M cos	t:	0.01 Lakh					
			37.Ef	fluent Charectere	estics	-			
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			
1	p	Н		8.25	6.62	5.5-8.5			
2	Suspend	ed Solids	mg/l	120	62	100.00			
3	BC	DD	mg/l			100.00			
4	CC	DD	mg/l	5493	948	250.00			
5	Oil & O	Grease	mg/l			10.00			
6	Chloride (as Cl) mg/l		mg/l			600.00			
7	Sulphate (as SO4) mg/l		mg/l			1000.00			
8 TDS mg/l			mg/l			2100.00			
Amount of effluent generation 24.00			24.00						
Capacity of	the ETP:		45.00						
Amount of t recycled :	reated efflue	ent	Not Applica	ble					
Amount of v	vater send to	o the CETP:	22.00						
Membership of CETP (if require): CETP Mem			CETP Mem	bership Obtained					

age of the ser			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 58	Dr. Umakant Dangat
SEAC-I)	30, 2018	of 83	(Chairman SEAC-I)

Note on ETP technology to be used1. Removal of Oil & Grease 2. Neutralization by Acid/alkali 3. Reduction of COD by Aeration & Bio degradation 4. Removal of TSS by settling in separation tank 5. dra treated effluent to CETP pipe line						. Reduction of COD by separation tank 5. drain							
Disposal of the ETP sludge ETP sludge will be disposal through CHWTSDF, Taloja													
			3	8.H a	zardous	Was	ste D	etail	5				
Serial Number	Descri	iption	C	at	UOM	Exis	ting	Propo	sed	To	tal	Method of Disposal	
1	ETP s	ludge	Н	W	MT/A	0.	18	0.60 M	ÍT/A	0.78	MT/A	To Mumbai waste management	
2	ETP s	ludge	Н	W	MT/A	0.06	5 x 3			0.18	MT	To Mumbai waste management	
3	ETP s	ludge	H	W	MT/A		-	0.015	x 39	0.60]	MT/A	To Mumbai waste management	
				39.S t	acks em	issic	on De	etails					
Serial Number	Section	& units	F	uel Us Qua	ed with ntity	Stac	k No.	Heig fror grou level	n n nd (m)	Inte diam (n	rnal leter 1)	Temp. of Exhaust Gases	
1	Boi	ler		FO/I	LDO		1	18.0	00	0.3	30	200	
2	Scrul	bber	C	austic	Solution		1	10.0	00	0.2	25	40	
3	D.G	Set Diesel		esel		1	2.24	4	0.1	15	185		
			4	0.De	tails of H	uel	to be	e use	d				
Serial Number	Type of Fuel				Existing			Propo	sed		Total		
1		F.0			4.00 KL			10.00	KL			14.00 KL	
2	0 - 1	L.D.O			2.00 KL			5.00	KL			7.00 KL	
41.Source of	f Fuel	on official t	, cito	HPCI		+ + h	wh To						
42.Mode of	Transportau) site	by Rt	au transpor	ιιποι	ign Ta	liker					
		Total RG	area ·		35.00 sg m	tr							
		No of tree	s to b	e cut	Not Applica	able							
43.Gree	n Belt	Number o be plante	f trees 1 :	s to	12 Nos. of	Trees							
Develop	ment	List of pro native tre	posed es :	l	List attache	ed							
	C V	Timeline completion plantation	for n of 1 :		Already doi	ne							
	44.Nur	nber an	d list	t of t	rees spe	cies	to b	e plai	nteo	d in t	the g	ground	
Serial Number	Name of	the plant	C	ommo	n Name		Qua	ntity		Cha	aracte	eristics & ecological importance	
1	Mar	ngo	М	angife	ra indica		4	2			frui	it Bearing Trees	
2	Peepa	l Tree	F	icus r	eligiosa		2	2			Ev	veregreen tree	
3	Cha	afa	Michelia champaca				2	2 Medium 2 fragrant y		edium rant ye	sized evergreen tree, ellow flowers, Butterfly host plant		
4	Сосс	onut	0	Cocos r	nucifera		r 2	2			frui	it Bearing Trees	
5	jam	iun	S	yzyum	cumini		2	2			frui	it Bearing Trees	
Abhay Pimp SEAC-I)	Solution Solution Solution Abhay Pimparkar (Secretary SEAC-D) SEAC Meeting No: 146 Meeting Date: January 30, 2018 Page 59 of 83												

6	Ne	em	Azadi	rrachta indica		2	Evergreen Tree	
45	5.Total qua	ntity of plan	ts on g	round				
46.Nun	ıber and	list of sh	nrubs	and bushes	s species	to be pla	anted in the podium RG:	
Serial Number		Name		C/C Dista	nce		Area m2	
1								
				47.Eı	nergy			
		Source of p supply :	ower	MSEDCL				
		During Cor Phase: (De Load)	nstructi mand	50.25 Kw			6	
		DG set as I back-up du constructio	Power Iring on phas	1 DG of 125	5 KVA install	ed on site	O A E	
Dop	NOR	During Op phase (Cor load):	eration inected	275.54 kw			00-	
require	ement:	During Op phase (Der load):	eration nand	160.25 kw	160.25 kw			
		Transform	er:	250 kw	250 kw			
DG set as Power back-up during operation phase:		Power Iring phase:	110 KVA	110 KVA				
		Fuel used:		Diesel				
		Details of l tension lin through th any:	high e passin e plot i	ng NA				
		48.Ene	rgy sa	aving by no	n-conver	ntional m	ethod:	
1. 4 capacit 2. 100 CFL 3. VFD (var	or in main p bulb applied ible frequen	anel board fo l in hundey to cy device) to	or contro o save el control	ol power factor ectricity speed as well as	electricity.			
		4	9.Deta	ail calculati	ons & %	of savin	g:	
Serial Number	Е	nergy Cons	ervatior	n Measures			Saving %	
1	4 capacitor in power supply panel h bulb in plant and 5 VFD s applied f reactor motor to control e			nel board and100 ed for centrifuge ol electricity	CFL and Ca	pacitor=4 +	CFL blub=100 Nos + VFD=5 Nos	
50.Details of pollution control Systems								
Source	Ex	isting pollu	tion coi	ntrol system		Pro	posed to be installed	
Process Reactor		Alkal	i scrubb	ber				
Effluent		ETP of 15.0	00 KLD (Capacity	ETP	Capacity to Ca	be increased by 30.00 KLD & Total apacity of 45.00 KLD	
Budgetary	allocation	Capital cos	st:	4.85 Lakh				
O&M	cost and cost):	0 & M cost	t:	0.25 Lakh				

ager or averes			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 60	Dr. Umakant Dangat
SEAC-I)	30, 2018	of 83	(Chairman SEAC-I)

51	51.Environmental Management plan Budgetary Allocation								
	a) Construction phase (with Break-up):								
Serial Number	Attr	ributes	Para	neter		Total (Cost per annu	m (Rs. In I	Lacs)
1	Budgetar	ry Allocation	Capital+O Maintena	peration ance Cos	ı & st		27.202 L	akh	
			b) Operat	ion Pl	hase (wi	th Breal	k-up):		
Serial Number	Com	ponent	Descr	iption	Сар	Capital cost Rs. In LacsOperational and Mainten cost (Rs. in Lacs/yr)			
1	I	ETP	45 KLD	capacity	7	15.0 Lakh		2.0 La	kh
2	F	RWH	1 PVC Tan	k of 5000	0 lt	0.50 Lakh		0.20 La	akh
3	Air Pollu Sy	tion Control /stem	Scrubbe prov	r system ided	1	3.5 Lakh		1.2 La	kh
4	Septic ta	ank & Soak Pits	16.5 sq. acqu	m area uired		4.5 Lakh		0.48 La	akh
5	Noise poll	lution contro	ol						
6	Gre Devel Maint	en Belt lopment/ tenances	35.0 sq acqu	m area uired				0.60 Lakh	
7	Enviro moni Enviro Mana	onmental itoring / onmental agement	Equip	ments		3.5 Lakh		1.2 Lakh	
8	Occupatio	onal health & afety	Medicines extingush hydrent	,PPES fi ers & fin system	re re	18.0 Lakh		2.5 La	kh
51.S	torage	e of ch	emicals	(infl sub	amabl stance	e/expl es)	osive/ha	zardou	s/toxic
Descri	ption	Status	Location	n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Attac	hed	Attached	Attached	Attached Att		Attached	Attached	Attached	Attached
		<u> </u>	52.A	ny Ot	her Info	ormation	1		
No Informa	tion Availa	ble							
	5		53.	Traffi	c Mana	gement			
	Nos. of the junction to the main road & design of confluence:								



	Number and area of basement:	Not applicable				
	Number and area of podia:	Not applicable				
	Total Parking area:	25.00 sq.mtr				
	Area per car:					
	Area per car:					
Parking details:	Number of 2- Wheelers as approved by competent authority:	5 Nos.				
	Number of 4- Wheelers as approved by competent authority:	2 Nos.				
	Public Transport:	-				
	Width of all Internal roads (m):	-				
	CRZ/ RRZ clearance obtain, if any:	Not Applicable				
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries					
	Category as per schedule of EIA Notification sheet	В				
	Court cases pending if any	Yes; A case has been filed by MPCB under Section 15 & 16 of Environment (Protection Act.), 1986 in the Court of First Judicial Magistrate at Panvel on 02.03.2017 as regular criminal case number 136 of 2017.				
	Other Relevant Informations					
	Have you previously submitted Application online on MOEF Website.	No				
	Date of online submission	-				
9	Brief information of the project by SEAC					

The proposal was earlier listed for appraisal in the 143rd meeting held on 11th October, 2017 wherein PP remained absent.

DECISION OF SEAC

agge of the ser			Signature:
			Name: Dr. Umakant Gangetreo Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 62	Dr. Umakant Dangat
SEAC-I)	30, 2018	of 83	(Chairman SEAC-I)
			, ,

Now in this meeting PP submitted letter dated 29.01.2018 requesting leave of absensee.

In view of above SEAC decided to defer the proposal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Stillering Argenting SEAC-I decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

 Abhay Pimparkar (Secretary SEAC-I)
 SEAC Meeting No: 146 Meeting Date: January 30, 2018
 Page 63 of 83
 Signature: Imakant Gangetzco Dangat (Chairman SEAC-I)

SEAC Meeting number:	146 Meeting Date Ja	anuary 30, 2018
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Subject: Environment Clearance for EXTENSION OF VALIDITY OF ENVIRONMENTAL CLEARANCE

1.Name of P	roject		SHIVKRIPA N	/INERALS					
2.Type of ins	stitution		Private						
3.Name of P	roject Propo	nent	DHANANJAY	BABURAO SHASTRAKAR					
4.Name of C	onsultant		MANTRAS GI	REEN RESOURCES LTD.					
5.Type of pro	oject		Mining Lease	Area :30.41 Ha. Production Capacity :20	000 Tones/year of laterite				
6.New project/expansion in existing project/modernization/diversification in existing project					EARANCE				
7.If expansion whether envelope has been obte project	on/diversifica ironmental c tained for ex	ition, learance isting	EXTENSION OF VALIDITY OF ENVIRONMENTAL CLEARANCE						
8.Location o	f the project	roject KH NO: 10							
9.Taluka			JIWTI						
10.Village			KHADKI-RAII	PUR					
Corresponde	ence Name:		Dhananjay Ba	aburao Shastrakar					
Room Numb	er:		SAI SERVICE	S STATION					
Floor:			GADCHANDU	JR					
Building Na	me:		TAHESIL: KO	PRPANA					
Road/Street	Name:		NA						
Locality:			NA						
City:			CHANDRAPUR						
11.Area of th	ne project		GRAMPANCHAYAT: KHADKI-RAIPUR						
			GRAMPANCH	IAYAT NOC ENCLOSED					
12.IOD/IOA/Concession/Plan		IOD/IOA/Con	ncession/Plan Approval Number: COPY	(ENCLOSED					
Approval Number			Approved Bu	uilt-up Area: 30.41					
13.Note on t applicable)	he initiated	work (If	YES						
14.LOI / NO Other appro	C / IOD from vals (If appli	MHADA/ cable)	NA						
15.Total Plo	t Area (sq. m	.)	30.41						
16.Deduction	ns	7	Not applicabl	e					
17.Net Plot a	area		Not applicable						
			a) FSI area (sq. m.): Not applicable						
18.Proposed Non-FSI)	Built-up Are	ea (FSI &	b) Non FSI area (sq. m.): Not applicable						
			c) Total BUA area (sq. m.): 30.41						
19.Total gro	und coverag	e (m2)	Not applicable						
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky) Not applicable									
21.Estimate	d cost of the	project	39.40						
	2	2.Num	ber of k	ouildings & its confi	guration				
Serial number	Buildin	g Name & 1	number	Number of floors	Height of the building (Mtrs)				
1	1	Not applicabl	е	Not applicable	Not applicable				
23.Number tenants an	r of d shops								



24.Number expected r users	r of esidents /	Not applica	lot applicable						
25.Tenant per hectar	density e	Not applica	ble						
26.Height building(s)	of the								
27.Right o (Width of the firom the firom the firom the firon the first station to the first s	f way the road earest fire the ouilding(s)	CHANDRAF	HANDRAPUR						
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 applicable							
29.Existing structure	J (s) if any	Not applica	lot applicable						
30.Details demolition disposal (I applicable	of the with f	the ith Not applicable							
			31. P	roduct	tion	Details			
Serial Number	Pro	duct	Existing	(MT/M)	Pro	posed (MT/M)	Total (MT/M)		
1	LATE	ERITE	166	6.66		00	1666.6		
		3	2.Tota	l Wate	r Re	quiremen	t		
		Source of	water	Not applica	able				
		Fresh wate	er (CMD):	06					
		Recycled w Flushing (CMD):	NA					
		Recycled w Gardening	ater - (CMD):	Not applica	able				
		Swimming make up (pool Cum):	Not applica	able				
Dry season: Requirement:			er ent (CMD)	06					
Fire fighting - Underground water tank(CMD):				Not applica	able				
		Fire fightin Overhead tank(CMD)	ng - water):	Not applica	able				
		Excess trea	ated water	Not applica	able				



		Source of wa	ter	Not applicable							
		Fresh water	(CMD):	06							
		Recycled wat Flushing (CM	er - ID):	Not applical	ole						
		Recycled wat Gardening (C	er - CMD):	Not applicable							
		Swimming po make up (Cu	ool m):	Not applicable							
Wet season: Requirement (CMD) :				06							
Fire fighting - Underground water tank(CMD):				Not applical	ole			.6			
		Fire fighting Overhead wa tank(CMD):	- ter	Not applical	ole						
		Excess treate	ed water	Not applical	ole						
Details of 9 pool (If any	Swimming y)	Not applicable)			C					
33.Details of Total water consumed											
Particula rs Consumption (CMD)			Loss (CMD) Effluent (CMD)								
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
		00 01									
Domestic	01	00	01	0.5	00	0.5	0.5	00	0.5		
Domestic Industrial Process	01 05	00 00	01 05	0.5	00	0.5 04	0.5 01	00	0.5 01		
Domestic Industrial Process	01 05	00	01 05	0.5	00	0.5 04	0.5 01	00 00	0.5 01		
Domestic Industrial Process	01 05	00 00 Level of the 0 water table:	01 05 Ground	0.5 04 40 METER	00	0.5	0.5	00 00	0.5		
Domestic Industrial Process	01	00 00 Level of the (water table: Size and no o tank(s) and Quantity:	01 05 Ground	0.5 04 40 METER NA	00	0.5	0.5 01	00	0.5		
Domestic Industrial Process	01 05	00 00 Level of the (water table: Size and no of tank(s) and Quantity: Location of the tank(s):	01 05 Ground of RWH	0.5 04 40 METER NA NA	00 00	0.5	0.5 01	00	0.5		
Domestic Industrial Process 34.Rain V Harvestin	01 05 Water	00 00 Level of the (water table: Size and no of tank(s) and Quantity: Location of the tank(s): Quantity of re pits:	01 05 Ground of RWH he RWH echarge	0.5 04 40 METER NA NA	00 00	0.5	0.5	00	0.5		
Domestic Industrial Process 34.Rain V Harvestin (RWH)	01 05 Water ng	00 00 Level of the G water table: Size and no of tank(s) and Quantity: Location of the tank(s): Quantity of repits: Size of rechants:	01 05 Ground of RWH he RWH echarge rge pits	0.5 04 40 METER NA NA NA	00 00	0.5	0.5	00	0.5		
Domestic Industrial Process 34.Rain V Harvestir (RWH)	01 05	00 00 Level of the G water table: Size and no of tank(s) and Quantity: Location of the tank(s): Quantity of r pits: Size of recha : Budgetary al (Capital cost)	01 05 Ground of RWH he RWH echarge rge pits location) :	0.5 04 40 METER NA NA NA NA	00 00	0.5	0.5	00	0.5		
Domestic Industrial Process 34.Rain V Harvestir (RWH)	01 05 Water hg	00 00 Level of the G water table: Size and no of tank(s) and Quantity: Location of t tank(s): Quantity of r pits: Size of recha : Budgetary al (Capital cost)	01 05 Ground of RWH he RWH echarge rge pits location) : location	0.5 04 40 METER NA NA NA NA NA	00 00	0.5	0.5	00	0.5		
Domestic Industrial Process 34.Rain V Harvestir (RWH)	01 05 Water ng	00 00 Level of the (water table: Size and no of tank(s) and Quantity: Location of the tank(s): Quantity of repits: Size of rechan: Budgetary all (Capital cost) Budgetary all (O & M cost) Details of UG if any :	01 05 Ground of RWH he RWH echarge rge pits location : T tanks	0.5 04 40 METER NA NA NA NA NA NA	00 00	0.5	0.5	00	0.5		

age of the ser			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 66	Dr. Umakant Dangat
SEAC-I)	30, 2018	of 83	(Chairman SEAC-I)

	Natur drain	ral wa age pa	ter attern:	NA				
35.Storm water drainage	Quan water	tity of	storm	NA				
	Size o	of SWI):	NA				
	Sewa in KL	ge ger D:	ieration	NA				
	STP t	echno	logy:	NA				
Sowage and	Capa (CMD	city of)):	STP	NA				
Waste water	Locat the S	tion & TP:	area of	NA				6
	Budg (Capi	etary a ital cos	allocation st):	NA				
	Budg (0 &	etary a M cos	allocation t):	NA				
		3	6.Solie	d waste Mana	gen	ient		
Waste generation in	Waste	e gene	eration:	NA				
the Pre Construction and Construction phase:	Dispo const debri	osal of cructio s:	the on waste	NA				
	Dry w	vaste:		NA	3			
	Wet v	waste:		NA				
Waste generation	Haza	rdous	waste:	NA				
in the operation Phase:	Biom applie	edical cable)	waste (If :	NA				
	STP S sludg	Sludge je):	e (Dry	NA				
	Other	r <mark>s if a</mark> ı	ny:	NA				
	Dry w	vaste:		NA				
	Wet v	waste:		Ν				
	Haza	rdous	waste:	NA				
Mode of Disposal of waste:	Biom appli	edical cable)	waste (If :	NA				
	STP S sludg	Sludge je):	e (Dry	NA				
	Other	r <mark>s if a</mark> r	ıy:	NA				
9	Locat	tion(s)	•	NA				
Area requirement:	Area : of wa mater	for the ste & rial:	e storage other	NA				
	Area	for ma	achinery:	NA				
Budgetary allocation	Capit	al cos	t:	NA				
(Capital cost and O&M cost):	0&1	A cost		NA				
			37 Ff	fluent Charecter	estic	S		
Serial Number Paran	neters		Unit	Inlet Effluent Charecterestics	Ou Ch	utlet Effluer narecterestic	nt cs	Effluent discharge standards (MPCB)
Abhay Pimparkar (Secretary SEAC-I)				io: 146 Meeting Date: Jan 30, 2018	uary	Page 67 of 83	Signati Name: Dr. Ui (Chai	ure: Dr. Umakant Gangerreo Dangen makant Dangat rman SEAC-I)

1	N	IA	Ν	A	N	IA		NA			NA
Amount of e (CMD):	effluent gene	eration	NA								
Capacity of	the ETP:		NA								
Amount of treated effluent NA recycled :											
Amount of v	vater send to	o the CETP:	NA								
Membershij	o of CETP (if	f require):	NA								
Note on ET	P technology	v to be used	NA								
Disposal of the ETP sludge NA											
			3	8.Ha	zardous	Was	ste D	Details			
Serial Number	Descr	iption	C	at	UOM	Exis	ting	Proposed	Tot	al	Method of Disposal
1	N	ΙA	Ν	A	NA	Ν	A	NA	NA	A	NA
			3	89.S t	acks em	issio	n D	etails	6		3
Serial Number	Serial Section & units Q			ıel Us Qua	ed with ntity	Stac	k No.	Height from ground level (m)	Inter diam (m	rnal eter 1)	Temp. of Exhaust Gases
1	N	ſΑ		Ν	A	N	A	NA	NA	4	NA
			4	0.De	tails of F	uel	to b	e used			
Serial Number	Тур	e of Fuel			Existing	Proposed				Total	
1 NA				NA)	NA			NA
41.Source of	f Fuel			NA							
42.Mode of	Transportat	ion of fuel to	site	NA	$\overline{\mathbf{N}}$	-					
		Total RG a	rea : NA								
		No of trees	s to be	e cut	NA						
43.Gree	n Belt	Number of be planted	trees	to	NA						
Develop	ment	List of prop native tree	posed s :		NA						
		Timeline for completion plantation	or 1 of :		NA						
	44.Nu	mber and	l list	of t	rees spe	cies	to b	e planteo	d in t	he g	jround
Serial Number	Name of	the plant	Co	ommo	n Name		Qua	ntity	Cha	i racte	eristics & ecological importance
1	BAI	BUL	BABUL 1000 NA					NA			
45	.Total qua	ntity of plan	ts on	grou	nd						
46.Num	ber and	list of sh	ırub	s an	d bushes	s spe	cies	to be pla	anteo	l in	the podium RG:
Serial Number		Name			C/C Dista	ance Area m2					
1		NA			NA					Ν	А

appropring			Signature: Name: Dr. Umakant Gangatrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 68	Dr. Umakant Dangat
SEAC-I)	30, 2018	of 83	(Chairman SEAC-I)

				47.EI	nerg	y				
		Source of pov supply :	ver	NA						
		During Const Phase: (Dema Load)	ruction and	NA	NA					
		DG set as Pow back-up durin construction	ver ng phase	NA						
Dog	NOR	During Opera phase (Conne load):	tion ected	NA						
require	ement:	During Opera phase (Demar load):	ntion nd	NA	NA					
		Transformer:		NA						
		DG set as Pow back-up durin operation pha	ver ng ase:	NA					3	
		Fuel used:		NA						
Details of high tension line passing through the plot if any:										
	48.Energy saving by non-conventional method:									
NA			15	J-J -			-			
		49.1	Detail	calculati	ions d	§% of s	avin	a:		
Serial	_					. , , , , , , , , , , , , , , , , , , ,		<u>.</u>	• • •	
Number	Ŀ	Energy Conserv	ation M	easures				Sa	aving %	
1		N	A	NA						
		50.D	etails	of pollut	ion c	ontrol S	Syste	ms		
Source	Ех	cisting pollutio	n contro	l system Proposed to be installed						
NA		N	A	1					NA	
Budgetary	allocation	Capital cost:		700000						
O&M	cost):	0 & M cost:		320000						
51	.Envir	onmental	l Mar	nageme	ent p	olan B	udg	etaı	ry Allocation	
	<u>c</u>	a) Co	nstru	ction pha	ase (v	vith Bre	ak-u	p):	5	
Serial Number	Attri	butes	Para	neter		Total	Cost p	er anı	num (Rs. In Lacs)	
1	Ν	JA	N	A				N	A	
		b) ()perat	ion Phas	e (wi	th Brea	k-up):		
Serial Number	Comp	oonent	Descr	iption	Capi	tal cost Re Lacs	s. In	Ope	erational and Maintenand cost (Rs. in Lacs/yr)	ce
1	1 NA N			A		NA			NA	
51.S	torage	of chem	icals	(inflan substa	nabl ance	e/expl es)	osiv	/e/h	azardous/toxic	
	Ariess	-							Signature:	

Abhay Pimparkar (Secretary
ibility i iliparkar (Secretary
SFAC-D

Description	Status	Location		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA		NA	NA	NA	NA	NA
		52.A	ny Ot	her Info	rmation	1		
No Information Availab	ole							
		53.	Traffi	c Manag	gement			
	Nos. of t to the m design o confluer	the junction ain road & f nce:	NA					3
	Number basemer	and area of nt:	NA					
	Number podia:	and area of	NA				7	
	Total Pa	rking area:	NA					
	Area per	car:	NA					
	Area per	Area per car:						
Parking details:	Parking details: Number of 2- Wheelers as approved by competent authority:		NA					
	Number Wheeler approve compete authorit	of 4- s as d by ent y:	NA) ···				
	Public T	ransport:	NA					
	Width of roads (n	f all Internal 1):	NA					
	CRZ/ RR obtain, i	Z clearance f any:	NA					
S	Distance Protecte Criticall areas / H areas/ in boundar	e from ed Areas / y Polluted Co-sensitive ater-State ies	NA					
	Categor schedule Notifica	y as per e of EIA tion sheet	B1					
	Court ca if any	ses pending	NA					
	Other Ro Informa	elevant tions	NA					
	Have you submitte Applicat on MOE	u previously ed ion online F Website.	No					

		Signature:
		Name: Dr. Umakant Gångetrao Dangat
SEAC Meeting No: 146 Meeting Date: January	Page 70	Dr. Umakant Dangat
30, 2018	of 83	(Chairman SEAC-I)
	SEAC Meeting No: 146 Meeting Date: January 30, 2018	SEAC Meeting No: 146 Meeting Date: January 30, 2018 of 83

	Date of online submission	-		

Brief information of the project by SEAC

PP remained absent

DECISION OF SEAC

PP remained absent.

Specific Conditions by SEAC:

stiller SEAC-I decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

agroans 1 ŝ. Signature: Name: Dr. Umakant Gangatrao Dangat SEAC Meeting No: 146 Meeting Date: January Dr. Umakant Dangat Abhay Pimparkar (Secretary **Page** 71 SEAC-I) 30, 2018 (Chairman SEAC-I) of 83

SEAC Meeting number: 146 Meeting Date January 30, 2018

Subject: Environment Clearance for Environmental Clearance for proposed Production Capacity enhancement of Unilex Colours And Chemicals Ltd.

1.Name of P	roiect		Unilex Colours And Chemicals Ltd				
2.Type of ins	stitution		Private				
3.Name of P	roject Propo	nent	Mr. Narendra K.P.				
4.Name of C	onsultant		Sadekar Enviro Engineers Pvt. Ltd.				
5.Type of pro	oject		Not applicabl	le			
6.New project/mode project/mode in existing p	ct/expansion ernization/di roject	in existing versification	Expansion in existing project				
7.If expansion whether envelopment has been obto project	on/diversifica ironmental c tained for exi	tion, learance isting	No				
8.Location o	f the project		Plot No. E-10/2				
9.Taluka			Palghar				
10.Village			Salwad				
Corresponde	ence Name:		Mr. Narendra K. P.				
Room Number:		106/107					
Floor:		1st					
Building Name:			Advent Atria				
Road/Street Name:		Chincholi Bunder Road					
Locality:			Malad (W)				
City:			Mumbai				
11.Area of th	ne project		Municipal Corporation of Greater Mumbai				
			NA				
12.IOD/IOA/Concession/Plan Approval Number		IOD/IOA/Concession/Plan Approval Number: NA					
		Approved Built-up Area: 949.91					
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.)		1275.00 sq.m.					
16.Deductions		Not applicable					
17.Net Plot area		Not applicable					
18.Proposed Built-up Area (FSI & Non-FSI)		a) FSI area (sq. m.): Not applicable					
		b) Non FSI area (sq. m.): Not applicable					
		c) Total BUA area (sq. m.): 949.91					
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		2000000.00					
22.Number of buildings & its configuration							
Serial number	Building Name & number		number	Number of floors	Height of the building (Mtrs)		
1	N	Not applicable		Not applicable	Not applicable		
23.Number tenants an	r of d shops	Not applicable					


24.Number expected r users	r of esidents /	Not applica	ot applicable									
25.Tenant per hectar	density e	Not applica	ble									
26.Height building(s)	of the)											
27.Right o (Width of t from the n station to t proposed h	f way the road earest fire the ouilding(s)	10 meter	10 meter									
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	Internal roa	ds of 5 m width are prov	ided	046							
29.Existing structure (J (s) if any	Yes	Yes									
30.Details demolition disposal (I applicable)	of the with f	Not applica	Not applicable									
			31.Product	tion Details								
Serial Number	Pro	duct	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)							
1	Beta	Blue	24.80	100.00	124.80							
2	Pigment Yellow - 12, 13, 14, 74, 83, 168, 191/Pigment Red - 3, 4, 8, 112, 48.2, 48.3, 12, 53.1, 57.1, 146,170/Pigment Orange - 05, 13, 34/Lemon Chrome/Middle Chrome/Pigment Green-7/Pigment Blue/Violet-27		00	40.0	40.0							
	~	3	2.Total Wate	r Requiremen	t							



		Source of wa	ter	Not applicable								
		Fresh water	(CMD):	Not applicable								
		Recycled wat Flushing (CM	er - ID):	Not applical	ole							
		Recycled wat Gardening (C	er - CMD):	Not applicable								
		Swimming pool make up (Cum):		Not applicat	Not applicable							
Dry seasor	1:	Total Water Requirement :	(CMD)	Not applical	ble							
		Fire fighting Underground tank(CMD):	- l water	Not applical	ble			. 6				
		Fire fighting Overhead wa tank(CMD):	- ter	Not applical	ble							
		Excess treate	ed water	Not applical	ole							
		Source of wa	ter	Not applical	ole							
		Fresh water	(CMD):	Not applicat	ole							
		Recycled wat Flushing (CM	er - ID):	Not applical	Not applicable							
		Recycled wat Gardening (C	er - CMD):	Not applicable								
		Swimming po make up (Cu	ool m):	Not applicable								
Wet seaso	n:	Total Water Requirement (CMD) :		Not applical	ble							
		Fire fighting - Underground water tank(CMD): Fire fighting - Overhead water tank(CMD):		Not applicable								
				Not applicable								
		Excess treate	d water	Not applicable								
Details of pool (If an	Swimming y)	Not applicable	•									
		33.	Detail	s of Tota	l water co	nsume	d					
Particula rs	Cons	sumption (CM	D)	Ι	Loss (CMD)		Eff	fluent (CMD)				
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	1.0	1.5	2.5	0.2	0.3	0.5	0.8	1.2	2.0			
Industrial Process	13.0	58.87	71.87	0.3	50.7	51.0	12.7	8.17	20.87			
Cooling tower & thermopa ck	6.0	12.0	18.0	5.0	10.3	15.3	1.0	1.7	2.7			
Gardening	0.5	0.5	1.0	0.5	0.5	1.0	0	0	0			

2 or otherest			Signature:
CLOP =			Name: Dr. Umakant Gangatrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 74	Dr. Umakant Dangat
SEAC-I)	30, 2018	of 83	(Chairman SEAC-I)

	Level wate	l of the Ground r table:	NA				
	Size tank Quan	and no of RWH (s) and itity:	NA				
	Loca tank	tion of the RWH (s):	NA				
34.Rain Water Harvesting	Quan pits:	ntity of recharge	NA				
(RWH)	Size :	of recharge pits	NA				
	Budg (Capi	jetary allocation ital cost) :	NA		6		
	Budg (0 &	jetary allocation M cost) :	NA		A		
	Deta if any	ils of UGT tanks y :	Fire fighting water tank of 50.	0 KL capacit	y		
	Natu drain	ral water lage pattern:	Storm water drains of adequa	te capacity w	rill be provided		
35.Storm water drainage	Quan wate	ntity of storm r:	0.98 m3/hr.				
	Size	of SWD:	The SWD will be designed as per the quantity of storm water to be received during the rainy season				
	-						
	Sewa in KI	ge generation _D:	2.0				
	STP	technology:	Sewage waste water will be tr treatment plant	eated in aer	ation tank of the effluent		
Sewage and	Capa (CMI	city of STP D):	NA				
Waste water	Location & area of the STP:		NA				
	Budg (Cap	jetary allocation ital cost):	NA				
	Budg (0 &	etary allocation M cost):	NA				
		36.Solie	d waste Managen	nent			
Waste generation in	Wast	e generation:	No construction activities are involved hence such waste generation is				
the Pre Construction and Construction phase:	Dispo const debri	osal of the truction waste is:	No construction activities are involved hence generation and disposal of such wastes is not envisaged				
	Dry v	vaste:	Office waste such as papers an	nd other don	nestic waste		
	Wet	waste:	NA				
Waste generation	Haza	rdous waste:	ETP sludge: 14.0 MT/A, Mechanical Evaporator Residue: 133.7 kg/day, Empty bags: 2.5 kg/M, Empty drums: 25 no./M, Empty Carboys: 35 no./M				
Phase:	Biom appli	edical waste (If cable):	NA				
	STP sludg	Sludge (Dry je):	NA				
	Othe	rs if any:	NA				
Abhay Pimparkar (Secre SEAC-I)	etary	SEAC Meeting N	o: 146 Meeting Date: January 30, 2018	Page 75 of 83	Dr. Umakant Dangat (Chairman SEAC-I)		

		Dry waste	•	Through local muinicipal waste disposal system						
		Wet waste		NA	NA					
Mode of	Disposal	Hazardou	s waste:	ETP Sludge & Management Empty carboy	ETP Sludge & Mechanical Evaporator Residue to Mumbai Waste Management Ltd CHWTSDF at Taloja and Empty bags, Empty drums, Empty carboys will be sold to authorized recycler					
of waste:		Biomedica applicable	al waste (If e):	NA	NA					
		STP Sludg sludge):	Je (Dry	(Dry NA						
		Others if a	any:	NA						
		Location(s	5):	Dedicated hazardous waste storage area will be provided as per the project plot layout paln						
Area requiren	ient:	Area for th of waste & material:	he storage & other	5.0 sq.m.	5.0 sq.m.					
		Area for n	nachinery:	NA						
Budgetary	allocation	Capital co	st:	1,50,000.00						
(Capital co O&M cost)	ost and):	0 & M cos	st:	30,000.00						
		1	37. E	ffluent Cha	arectere	stics				
Serial Number	Paran	neters	Unit	Inlet Eff Charecter	luent restics	Outlet Ef	fluent restics	Effluent discharge standards (MPCB)		
1	р	Н		6.75		7.05	5	6-8.5		
2	TI	DS	mg/l	ı/l 1987.00		1901.	00	<2100		
3	BC	DD	mg/l	194.0	00	39.0	0	<100		
4	CC	DD	mg/l	600.0	00	136.0	00	<250		
5	30	àG	mg/l	4.0		BDI		<10		
Amount of (CMD):	effluent gene	eration	23.57	SV.						
Capacity of	the ETP:		20.0 CMD							
Amount of recycled :	treated efflue	ent	13.37 CMI	5						
Amount of	water send to	o the CETP:	10.2 CMD							
Membershi	p of CETP (if	f require):	Company i	s having memb	ership of TI	MA CETP Co	-Op. Society	y Ltd.		
Note on ETP technology to be used Existing: T boiler, cool capacity co to CETP. P effluent fro capacity co CETP and				The domestic waste water is subjected to soak pit & the effluent from ooling tower blow down & process effluent is treated in ETP of 20 CMD comprising of primary treatment scheme & treated effluent is further sent Proposed: The domestic waste water will be subjected to soak pit & the rom boiler & cooling tower blow down will be treated in ETP of 20 CMD comprising of primary treatment scheme & treated effluent will be sent to d the						
Disposal of	the ETP sluc	lge	Mumbai W	aste Managem	ent Ltd CH	HWTSDF at T	aloja			
			38.H	azardous V	Vaste De	etails				
Serial Number	Descri	ption	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	ETP sl	udge	35.3	kg/annum	2.8	11.2	14.0	Mumbai Waste Management Ltd CHWTSDF at Taloja		
2	Mecha Evaporator	nical r Residue	37.3	kg/day		133.7	133.7	Mumbai Waste Management Ltd CHWTSDF at Taloja		

aggre aness			Signature:
			Name: Dr. Umakant Gangetrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 76	Dr. Umakant Dangat
SEAC-I)	30, 2018	of 83	(Chairman SEAC-I)

3	Empty	bags	33.1	33.1 kg/month			0.5	2.0	2.5	Sale to authorized recycler
4	Empty	drums	33.1 number/mor		number/mont	h	5.0	20.0	25.0	Sale to authorized recycler
5	Empty carboys 3		33.	1	number/mont	h	7.0	28.0	35.0	Sale to authorized recycler
39.Stacks emission Details										
Serial Number	Section	& units	Fu	uel U Qua	sed with antity	Stac	k No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	4 lak calorie/ho fluid l	h kilo ur Thermic heater	Coal	- 179	92.00 kg/day		1	20.0	0.5	230.0
2	850 kg/ho boi	our steam iler	Coa	l - 17	16.9 kg/day		2	20.0	0.5	230.0
3	HCl. so	crubber					3	4.0 (Above roof level)	0.3	
			4	0.D	etails of F	uel	to be	e used		
Serial Number	Тур	oe of Fuel			Existing			Proposed		Total
1	Indo	nesian coal			1505.7 kg/da	ÿ		2003.2		3508.9 kg/day
41.Source of	of Fuel			Loca	al vendor - Gu	rukru	pa Ente	erpirses, Su	rat	
42.Mode of	Transportat	ion of fuel to	o site	Roa	d			2		
	Total RG area : 3037 sq.m. (Adjacent to the project plot)									
		No of tree :	s to bo	e cut	NA					
		Number of be planted	f trees l :	rees to 62						
43.Gree Develop	n Belt ment	List of pro native tree	opposed Te es: ac		Cassia fistu Schleichera Terminalia Helicteres i indicum, Er Callicarpa t acerifolium	Cassia fistula, Bombax ceiba, Asltonia shcolaris, Macaranga peltata, Schleichera oleosa, Microcos paniculata, Terminalia elliptica, Terminalia paniculata, Terminalia bellirica, Cordia dichotoma, Helicteres isora, Holoptelea integrifolia, Butea monosperma, Oroxylun indicum, Erythrina suberosa, Azadirachta indica, Trema orientalis, Callicarpa tomentosa, Neolamarckia cadamba, Pterospermum acerifolium				
		Timeline f completion plantation	or n of		1 year after	gran	t of env	vironmental	clearance	
	44.Nu	mber and	d list	t of	trees spe	cies	to be	e plante	d in the	ground
Serial Number	Name of	the plant	Co	omm	on Name		Quar	ntity	Charac	eristics & ecological importance
1	Cassia	fistula		Ba	hava		3	3	Native Sahyadr attractin	tree of forest tracts of ranges having flowers ng bees and butterflies
2	Bombax ceiba			Sa	awar		2	9	A native deciduous tree with fragrant flowers attracting large number of birds & insects	
3	3 Asltonia shcolaris			Sapt	Saptaparni 23			3	A nativ fragrant comparati	e evergreen tree with flowers & leaves having vely higher dust settling index
Abhay Pimp SEAC-I)	Abhay Pimparkar (Secretary SEAC Meeting No: 146 Meeting Date: January Page 77 Dr. Umakant Dangat SEAC-D 30, 2018 of 83 (Chairman SEAC D)									

4	Macaranga peltata	Chandwar	23	A native tree found in abundance across the plains of Sahyadri ranges
5	Schleichera oleosa	Kusum	23	A native deciduous trees of forest tracts of Sahyadri ranges
6	Microcos paniculata	Shirali	23	A native evergreen medium sized tree of forest tracts of Sahyadri ranges
7	Terminalia elliptica	Ain	23	A native evergreen tree of forest tracts of Sahyadri ranges
8	Terminalia paniculata	Kindal	23	A native deciduous tree of forest tracts of Sahyadri ranges
9	Terminalia bellirica	Baheda	23	A native deciduous tree of forest tracts of Sahyadri ranges
10	Cordia dichotoma	Shelu	23	A native deciduous tree of forest tracts of Sahyadri ranges attracting large number of insects
11	Helicteres isora	Murudsheng	23	A native deciduous medium sized tree of forest tracts of Sahyadri ranges visited by large number of birds
12	Holoptelea integrifolia	Ainsadada	23	A native deciduous tree of forest tracts of Sahyadri ranges
13	Butea monosperma	Palash	23	A native brilliantly flowering tree abundant the Palghar District visited by large number of birds
14	Oroxylum indicum	Tetu	23	A native ornamental tree
15	Erythrina suberosa	Pangara	23	A native deciduous medium sized tree of forest tracts of Sahyadri ranges visited by large number of birds
16	Azadirachta indica	Kadulimb	23	A native evergreen tree capable of surviving in comparatively polluted environs
17	Dalbergia sissoo	Shisham	23	A native evergreen tree attracting large number of insects
18	Trema orientalis	Ghol	23	A native deciduous medium sized tree with hairy leaves having comparatively higher dust settling index
19	Callicarpa tomentosa	Aiser	23	A native evergreen medium sized tree of forest tracts of Sahyadri ranges with hairy thick leaves having comparatively higher dust settling index
20	Neolamarckia cadamba	Kadamba	23	A native evergreen tree with tremendous blooms attracting large number of insects
21	Pterospermum acerifolium	Karnikar	23	A native evergreen tree with large & hairy leaves having comparatively high dust settling index generally used for ornamental plantation
4	5.Total quantity of plar	nts on ground		
46.Nur	nber and list of sl	nrubs and bushes	s species to be pl	anted in the podium RG:

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

Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 146 Meeting Date: January 30, 2018	P
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Serial Number		Name		C/C Distance	Area m2			
1		NA		NA		NA		
				47.Energ	Iy			
		Source of power supply :		Maharashtra State	Maharashtra State Electricity Distribution Company Limited (MSEDCL)			
		During Construction Phase: (Demand Load)		NA				
		DG set as Power back-up during construction phase		NA				
Dot	vor	During Operation phase (Connecter load):	on ed	456 KW				
require	ement:	During Operation phase (Demand load):	n	405 kVA				
		Transformer:		500 kVA				
		DG set as Power back-up during operation phase:		-				
		Fuel used:		NA				
		Details of high tension line pas through the plot any:	sing t if	NA				
		48.Energy	savi	ng by non-col	nventior	nal method:		
NA				3 3				
		49.De	tail	calculations	& % of s	aving:		
Serial Number	E	nergy Conservati	on M	easures	isures Saving %			
1		NA	7	NA				
		50.Det	ails	of pollution c	ontrol S	Systems		
Source	E	xisting pollution	contr	ol system	Proposed to be installed			
0.6 TPH Steam boiler	Stack of	20.0 m & Multi cyc by scrub	lone s ber	eparator followed				
2 lakh kilo calorie/hour Thermic fluid heater	Stac	k of 20.0 m & Mult	i cyclo	ne separator				
4 lakh kilo calorie/hour Thermic fluid heater					Stack of 20.0 m height & Multi cyclone separator followed by Bag filter			
850 kg/hour steam boiler					Stack of 20.0 m height & Multi cyclone separator followed by Bag filter			
Process emisiions					1 no. Hcl.	Scrubber with a stack of 4.0 m above roof level		
Abhay Pimp SEAC-I)	emistions iever Abhay Pimparkar (Secretary SEAC-I) SEAC Meeting No: 146 Meeting Date: January 30, 2018 Page 79 of 83							

Budgetary	allocation	Capital co	st:	NA							
(Capital O&M	cost and cost):	O & M cos	t:	NA							
51	51.Environmental Management plan Budgetary Allocation										
a) Construction phase (with Break-up):											
Serial Number	Attri	butes	Parar	meter	eter Total Cost per annum (Rs. In Lacs)						
1	N	ΙA	N	ΙA			NA				
		b) Operat	ion Phas	e (with Break	-up)):				
Serial Number	Comp	onent	Descr	iption	Capital cost Rs. Lacs	In	Operational and Maintenance cost (Rs. in Lacs/yr)				
1	А	ir	Installation of 20.0 m Multi c separator f Bag filter kilo calo Thermic flu 850 kg/ho boiler and scru	n of stacks height & cyclone followed by for 4 lakh orie/hour tid heater & our steam 1 no. HCl. bber	20.00	S					
2	Wa	Water Installa Evaporator		ation of anical c of 15.0 KL	15.00		0.50				
3	Nc	vise	Develop acoustic en installatio absorbers absorbi	oment of iclosures & in of shock & vibration ing pads	5.0		0.10				
4	Occupatio	onal health	Purchase o health cl	f PPE's and heck ups	4.5		0.50				
5	Gree	n belt	Developme be	ent of green elt	7.09		1.44				
6	Solid waste waste storage cont		ment of us waste area & e of solid rage bags, ainers	1.5		0.30					
51.S	torage	of che	micals	(inflam substa	nable/explo ances)	osiv	e/hazardous/toxic				

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
CPC	Solid	Shed	25.0	25.0	125.00	Local	Road
Caustic Soda	Solid	Shed	3.0	3.0	4.0	Local	Road
Gum rosin	Solid	Shed	4.0	4.0	4.5	Local	Road
Xylene	Liquid	Shed	200.001	200.001	200.001	Local	Road
Isobutyl alcohol	Liquid	Shed	400.001	400.001	400.001	Local	Road

agger or the set			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 146 Meeting Date: January	Page 80	Dr. Umakant Dangat
SEAC-I)	30, 2018	of 83	(Chairman SEAC-I)

Additive -Pthalamide	Solid	Shed		1.0	1.0	1.5	Local	Road	
Hydrochloric acid	Liquid	Shed		1000.001	1000.00 l	1000.00 l	Local	Road	
52.Any Other Information									
No Information Available									
53.Traffic Management									
	Nos. of the junction to the main road & design of confluence:		NA						
	Number and area of basement:		NA						
Number and area of podia: Total Parking area:		NA							
		rking area:	153 sq.m.						
	Area per	Area per car: NA							
Parking details:	Area per	car:	NA						
	Number Wheeler approve compete authorit	of 2- s as d by ent y:	NA						
	Number Wheeler approve compete authorit	of 4- s as d by ent y:	NA						
	Public T	ransport:	NA						
	Width of roads (n	f all Internal 1):	5.0						
	CRZ/ RR obtain, i	Z clearance f any:	NA						
	Distance Protecte Criticall areas / H areas/ in boundar	e from ed Areas / y Polluted ico-sensitive tter-State ies	NA						
	Category schedule Notificat	y as per e of EIA tion sheet	B1						
Court cases pending if any		No							



	Other Relevant Informations	 The existing steam boiler of 0.6 TPH & thermic fluid heater of 2 lakh kilo calorie/hour will be sale out after expansion. ETP treatment scheme: Existing: The domestic waste water is subjected to soak pit & the effluent from boiler, cooling tower blow down & process effluent is treated in ETP of 20 CMD capacity comprising of primary treatment scheme & treated effluent is further sent to CETP. Proposed: The domestic waste water will be subjected to soak pit & the effluent from boiler & cooling tower blow down will be treated in ETP of 20 CMD capacity comprising of primary treatment scheme & treated effluent from manufacturing process will be sent to CETP and the effluent from manufacturing process will be totally recycled through Mechanical Evaporator. The industry will continue to dispose effluent (boiler& cooling tower blow down) to CETP as per the valid CTO. The effluent form manufacturing process will be totally recycled so that there is no additional load subjected to CETP disposal from the proposed expansion project. Green Belt related: The 33% of project plot area is 420.75 sq. m. however green belt will be provided in area of 3037.00 sq. m. adjacent to the project plot. 		
	Have you previously			
	submitted Application online on MOEF Website.	No		
	Date of online submission	-		
Brief information of the project by SEAC				
PP submitted their application for the grant of TOR under category 5(f)B1 as per EIA Notification, 2006, PP presented				

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

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

S.A.C

DECISION OF SEAC



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.

Specific Conditions by SEAC:

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

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

5) PP to carry out HAZOP and QRA and submit copy of Disaster Management Plan.

6) PP to submit hazardous chemical handling protocol.

7) PP to provide lightening arrestor.

8) PP to submit structural stability certificate of the existing structures on site.

9) PP to submit phase wise CSR plan including aviailability of funds, list of proposed activities with time lines for its implementation in consultation with the District Authorities. PP to maintain separate accounts for CSR/EMP funds.
10) PP to submit detailed water balance calculation showing water required for each activity, water required for domestic use, generation of waste water and its treatment and disposal mechanism along with design of Effluent Treatment Plant and commitment for achieving treated effluent parameters.

FINAL RECOMMENDATION

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

