## SEAC-1 Meeting Agenda (Day 2)

SEAC Meeting number: 139 Meeting Date June 30, 2017

		SEAC M	eeting nu	inder. 155 Mee	ung Date Jun	e 30, 2017		
Subject: Er Shrivardhar	vironment ( , District Ra	Clearance for aigad	r Proposed G	as Based Power Pl	ant and Gas Stor	age Area at Village Dighi, Taluka		
General I Pune- 411	Seneral Information: Venue: CSIR- National Chemical Laboratory (NCL)Guesthouse, Pashan Road, Pune- 411008,							
1.Name of P	roject		Proposed Gas District Raiga	s Based Power Plant a ad	nd Gas Storage Are	ea at Village Dighi, Taluka Shrivardhan,		
2.Type of ins	titution		Private					
3.Name of P	roject Propo	nent	Veritas Polyc	hem Pvt. Ltd.				
4.Name of C	onsultant		Fine Envirote	ech Engineers				
5.Type of pro	oject		Not applicabl	e				
6.New project/mode in existing p	ct/expansion ernization/di roject	in existing versification	1 New					
7.If expansion whether environment has been obto project	n/diversifica ironmental c ained for exi	ition, learance isting	Not Applicabl	Not Applicable				
8.Location of	f the project		Dighi Port Ar	ea				
9.Taluka			Shrivardhan					
10.Village			Dighi					
11.Area of th	e project		Dighi Port Ar	ea				
12 100/104/	Concossion/T	lon	Not Applicabl	le				
Approval Nu	mber	fidii	IOD/IOA/Con	ncession/Plan Appro	val Number: Not	Applicable		
			Approved Bu	uilt-up Area: 3344.41				
13.Note on t applicable)	he initiated v	work (If	Not Applicable					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)       Not Applicable								
15.Total Plot	t Area (sq. m	.)	31199.05					
16.Deduction	15		Not applicabl	e				
17.Net Plot a	irea		Not applicabl	e				
40.5		(707.0	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.): 3344.41					
19.Total gro	und coverage	e (m2)	27,018.54 ground coverage area for Gas Tank area					
20.Ground-c (Note: Perce to sky)	overage Perc ntage of plot	centage (%) t not open	Not applicable					
21.Estimated	l cost of the	project	4861550000.	00				
	2	2.Num	ber of k	ouildings &	k its conf	iguration		
Serial number	Buildin	ig Name & i	number	Number	of floors	Height of the building (Mtrs)		
1	Ν	lot applicabl	е	Not app	licable	Not applicable		
23.Number tenants and	r of d shops	Not applica	ble					
24.Number expected rousers	of esidents /	Not applicable						
25.Tenant per hectar	Tenant density r hectare Not applicable							
26.Height building(s)	6.Height of the uilding(s)							
27.Right of (Width of t from the no station to t proposed b	uilding(s)       7.Right of way       Width of the road       rom the nearest fire       tation to the       roposed building(s)							



28.Turning for easy ac fire tender movement around the excluding for the pla	radius cess of from all building the width ntation	Not applicable							
29.Existing structure (	J s) if any	Not applica	ble						
30.Details demolition disposal (I applicable)	of the with f	Not applica	ble						
			31.P	roduct	ion Details				
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Gas Base Pla	ed Power ant	(	)	18 MW	18 MW			
2	Storag comprising storage tar capacity 2 storage Chloride 1 Propane Ammon	ige Area ng of 16 gas anks, each of 2500 m3 for e of Vinyl Monomer, ie, Butane, pnia, LPG		)	40,000 m3	40,000 m3			
		3	2.Tota	l Wate	r Requiremen	ť			
		Source of v	water	Not applica	ble				
		Recycled water - Flushing (CMD):		Not applicat	Not applicable				
		Recycled water - Gardening (CMD):		Not applicable					
		Swimming pool make up (Cum):		Not applicable					
Dry season	1:	Total Water Requirement (CMD) :		Not applica	ble				
		Fire fighting - Underground water tank(CMD):		Not applica	ble				
		Fire fighting - Overhead water tank(CMD):		Not applicable					
		Excess trea	ated water	Not applica	ble				
		Source of	water	Not applicable					
		Recycled w Flushing (	vater - CMD):	Not applicable					
	5	Recycled w Gardening	vater - (CMD):	Not applica	ble				
		Swimming make up (	pool Cum):	Not applica	ble				
Wet seaso	1:	Total Wate Requireme :	er ent (CMD)	Not applica	ble				
		Fire fightin Undergrou tank(CMD	ng - Ind water ):	Not applica	ble				
		Fire fightin Overhead tank(CMD	ng - water ):	Not applica	ble				
Excess treated water			ated water	Not applica	ble				

2 and theres			Signature:
CEGPT -			Name: Dr. Umakant Gangatrao Dangat
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Details of S pool (If any	Swimming y)	Not applicable								
	33.Details of Total water consumed									
Particula rs	Cons	sumption (CM	D)	Ι	Loss (CMD)		Effluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing Proposed Total Existing Proposed To					Total	
Domestic	0	0	0	0	0	0	0	0	0	
		Level of the G water table:	Ground	Not applicab	ole					
		Size and no o tank(s) and Quantity:	f RWH	Not applicat	ole					
		Location of the tank(s):	he RWH	Not applicab	ole					
34.Rain V Harvestir	Vater 1g	Quantity of ropits:	echarge	Not applicat	ole					
(RWH)		Size of rechar:	rge pits	Not applicat	ole					
		Budgetary al (Capital cost)	location ) :	0						
		Budgetary al (O & M cost)	location :	0						
		Details of UG if any :	T tanks	Not applicat	ole	5				
		Natural wate drainage pat	r t <b>ern:</b>	Not applicable						
drainage	water	Quantity of s water:	torm	Not applicable						
		Size of SWD:		Not applicab	ole					
		Sewage gene in KLD:	ration	Not applicable						
		STP technolo	gy:	Not applicable						
Sowago	and	Capacity of STP (CMD):		Not applicable						
Waste w	ater	Location & an the STP:	rea of	Not applicable						
		Budgetary al (Capital cost)	location ):	0						
		Budgetary al (O & M cost)	location	0						
	CY	36	<u>Solio</u>	<u>d waste</u>	Manage	emen	t			
Waste gen	eration in	Waste genera	ntion:	Excavated E	arth & Solid w	vaste from	workers can	пр		
the Pre Co and Constr phase:	nstruction ruction	Disposal of tl construction debris:	ne waste	Excavated E workers cam	arth will be re 1p will be dispo	used for b osed off th	ackfilling. So rough Autho	lid waste from rized Agency.		
		Dry waste:		Empty conta	iners etc.					
		Wet waste:		Not applicab	ole					
Waste as	noration	Hazardous wa	aste:	Not applicab	ole					
in the op Phase:	eration	Biomedical w applicable):	aste (If	Not applicab	ole					
1 11000		STP Sludge ( sludge):	Dry	Not applicab	ole					
		Others if any	•	Not applicab	ole					

1-00 Breeze			Signature:
CeGp-			Name: Dr. Umakant Gangetreo Dangat
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	Dry waste:			Excavated I workers car	Earth v np wil	vill be l be di	reused for b sposed off th	ackfil	ling. S Autho	olid waste from prized Agency.
	Wet waste	:		Not applica	ble					
Mode of Disposal	Hazardous	Hazardous waste:		Used Lubricating oil						
of waste:	Biomedica applicable	l wast ):	te (If	Not applica	ble					
	STP Sludge (Dry sludge):		7	Not applica	Not applicable					
	Others if a	ny:		Not applica	ble					
	Location(s	):		Common sc	arp ar	ea 273	3.38 m2			
Area requirement:	Area for th of waste & material:	Area for the stor of waste & other material:		Not applicable						
	Area for m	achin	ery:	Not applica	ble					
Budgetary allocation	Capital cos	st:		0						
O&M cost):	O & M cos	t:		0						
		3	7.Ef	fluent Cl	hare	cter	estics			
Serial Number Parar	neters	Uı	nit	Inlet E Charect	ffluen eresti	it .cs	Outlet I Charect	Efflue eresti	nt ics	Effluent discharge standards (MPCB)
1	-	-	-	-	-		-			
Amount of effluent gene (CMD):	Amount of effluent generation Not applic			ble				5	-	
Capacity of the ETP: Not appli			pplica	ble						
Amount of treated efflurecycled :	ent	Not a	pplica	ble		C				
Amount of water send t	o the CETP:	Not a	pplica	ble	6					
Membership of CETP (i	f require):	Not a	pplica	ble						
Note on ETP technology	y to be used	Not a	pplica	ble						
Disposal of the ETP slue	lge	Not a	ot applicable							
		3	<b>8.H</b> a	zardous	Was	te D	etails			
Serial Number Descr	iption	C	at	UOM	Exis	ting	Proposed	То	tal	Method of Disposal
1 Not ap	plicable	N appli	ot cable	Not applicable	(	)	0	(	)	Not applicable
		3	<u>89.St</u>	acks em	issio	n Do	etails			
Serial Number Section	& units	Fı	iel Us Quai	ed with ntity	Stacl	« No.	Height from ground level (m)	Inte dian (r	rnal leter n)	Temp. of Exhaust Gases
1 Power	r Plant		LN	₩G	4	ŀ	30	0.5	588	120 oC
		4	D.De	tails of F	uel	to be	e used			
Serial Number Typ	e of Fuel			Existing			Proposed			Total
1	LNG			0		0.	168 MT/MW	Η		0.168 MT/MWH
41.Source of Fuel			GAIL	or IOC						
42.Mode of Transportat	ion of fuel to	site	Pipeli	ine or Road t	ranspo	ort				



		Total RG area :		13.12 acres fro whole integrated plant				
		No of trees	s to be cut	0				
43.Gree	n Belt	Number of be planted	trees to	3000				
Develop	ment	List of pro native tree	List of proposed native trees :		Neem, Ashok, Gulmohar			
		Timeline for completion of plantation :		1 Year	1 Year			
	44.Nu	nber and	l list of t	trees spe	cies to be	planted in	the ground	
Serial Number	Name of	the plant	Commo	on Name	Quanti	ity Cl	haracteristics & ecological importance	
1	Azadiracl	nta indica	Ne	em	1000		Medicinal Tree	
2	Saraca	Asoca	As	hok	1000		Shady Tree	
3	Deloni	x regia	Gulr	nohar	1000		Flowering Tree	
45	5.Total quai	ntity of plan	ts on grou	nd				
46.Num	nber and	list of sl	nrubs an	d bushes	species to	o be plante	ed in the podium RG:	
Serial Number		Name		C/C Dista	nce		Area m2	
1								
				47.Eı	iergy			
		Source of supply :	power	Proposal is for Gas Based Power Plant				
		During Construction Phase: (Demand Load)		800 kVA				
		DG set as Power back-up during construction phase		250 kVA X 2 Nos (Green Certified)				
		During Operation phase (Connected load):		4000 kWh				
Pov require	ver ement:	During Operation phase (Demand load):		a) Plant/Facility : 1,000 kWH b) Common Utilities: 1,000 kWH c) Admin: 1,000 kWH				
		Transform	er:	1200 kVA				
		DG set as back-up du	Power Iring phase:	Not Applicable				
		Fuel used:	/	Diesel				
		Details of tension lin through th any:	high le passing le plot if	Not Applicable				
		48.Ene	ergy savi	ng by no	n-conventi	onal meth	od:	
Not Applica	ble							
		4	9.Detail	calculati	ons & % of	f saving:		
Serial Number	Energy Conservation Me		easures		9	Saving %		
1								
		50	.Details	of pollut	ion contro	l Systems		
Source	Ex	isting pollu	tion contro	ol system		Propose	d to be installed	
Gas based power plant	vased wer Not Applicable				We	et Scrubber		

2 and theres			Signature:
Clope -			Name: Dr. Umakant Gangatrao Dangat
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Budgetary	allocation	Canital	cost:	0						
(Capital O&M	cost and cost):	0 & M c	0							
51.Environmental Management plan Budgetary Allocation								ation		
		a	) Construc	ction ph	ase (v	vith Brea	ak-up)	):		
Serial Number	Attr	ibutes	Parai	neter		Total (	C <mark>ost per</mark>	annu	m (Rs. In I	Lacs)
1	Enviro Mon	onmental itoring	Air Noise etc moi	Soil Water nitoring				10		
2	Sanitary Wasi Mana	r Facility & tewater igement	S	ГР				20		
3	Occupatio Sa	on Health & afety	PPE's, Hea up, Fire I Gas leakage ESD (Pov	alth check- Detection, e detection, ver Plant)		100				
			b) Operat	ion Phas	se (wi	th Breal	<u>k-up):</u>			
Serial Number	Com	ponent	Descr	iption	Сарі	tal cost Rs Lacs	. In	Opera C	tional and ost (Rs. in	Maintenance Lacs/yr)
1	Enviro Mon	onmental itoring	Air Noise etc moi	Soil Water nitoring		120			5	
2	Gree Deve	en Belt lopment	Plant	ation		20			2	
3	Energ	y Saving	Power improv	factor vement		40			5	
51.S	torage	e of ch	emicals	(inflar subst	nabl ance	e/expl s)	osive	/haz	zardou	s/toxic
Descri	ption	Status	Location	n Si Ca 1	torage apacity n MT	Maximum Quantity of Storage at any point of time in MT	Consum / Mont MT	ption h in	Source of Supply	Means of transportation
Vinyl Cł Mono	nloride mer	Liquefied Gas	Designated	Area 15	000 m3	11600 MT	1650	)0	Import	Pipeline
Prop	ane	Liquefied Gas	Designated	Area 50	)00 m3	2160 MT	650	0	Import	Pipeline
Buta	ne	Liquefied Gas	Designated	Area 50	000 m3	2160 MT	650	0	Import	Pipeline
Amm	onia	Liquefied Gas	Designated	Area 50	000 m3	2110 MT	630	0	Import	Pipeline
LPG Liquefied Designa			Designated	Area 10	000 m3	4335 MT	1300	)0	Import	Pipeline
NL INC	Li		52.A	ny Othe	r Info	rmation	l			
NO INIORMA	uon Availal	ле	53	Traffic N	Jana	Toment				
	S3.Traffic Management         Nos. of the junction to the main road & design of confluence:         Not Applicable									



1	Number and area of basement:	Not Applicable				
1	Number and area of podia:	Not Applicable				
	Fotal Parking area:	Not Applicable				
	Area per car:	Not Applicable				
I	Area per car:	Not Applicable				
Parking details:	Number of 2- Wheelers as approved by competent authority:	Not Applicable				
	Number of 4- Wheelers as approved by competent authority:	Not Applicable				
	Public Transport:	Not Applicable				
1	Width of all Internal roads (m):	-				
	CRZ/ RRZ clearance obtain, if any:	No				
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Phansad wildlife sanctuary located at a distance of 11 km towards North East				
S I	Category as per schedule of EIA Notification sheet	Gas Based Power Plant 1(d) & Storage Area 6 (b)				
i	Court cases pending if any	No				
	Other Relevant Informations	Not Applicable				
	Have you previously submitted Application online on MOEF Website.	Yes				
	Date of online submission	29-04-2017				
E	Brief <mark>info</mark> rma	tion of the project by SEAC				
PP submitted their applic isolated storage and capt	ation for the grant of To ive power plant.	OR under category 1(d)B1 and 6(b)B1 as per EIA Notification, 2006 for				
	DE	CISION OF SEAC				
During deliberations, the Committee observed that, the said project is green field project and not only for isolated storage and captive power plant but it is an integral part of the manufacturing of polymer products on the same location which is under category 5(c) and 5(f) of schedule of EIA Notification,2006, which falls under activity category "Å" and comes under the jurisdiction of EAC, MoEF & CC, New Delhi.						
In view of above, PP is a together, the activities of	dvised to apply to the E. polymer manufacturing	AC, MoEF&CC,New Delhi for prior Environment Clearance by clubbing ng, isolated storage of materials and captive power plant as one proposal.				
Specific Conditions by	SEAC:					
	TTNIAT	DECOMMENDATION				

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

		Signature:
		Name: Dr. Umakant Gångatrao Dangat
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SEAC-1 Meeting Agenda (Day 2)							
SEAC Meeting number: 139 Meeting Date June 30, 2017							
Subject: Environ	ment Clearance for	r Mining pro	ject				
<b>General Infor</b> Pune- 411008,	<b>General Information:</b> Venue: CSIR- National Chemical Laboratory (NCL)Guesthouse, Pashan Road, Pune- 411008,						
<b>1.Name of Project</b>		Wadegaon M	anganese Ore Mining Project 3.97 ha				
2.Type of institutio	on	Private					
3.Name of Project	Proponent	Shakeel Ahm	ed Akul Hussain				
4.Name of Consult	ant	Enviro Techn	o Consult Private Limited				
5.Type of project		Others- minin	ng				
6.New project/expa project/modernizat in existing project	nsion in existing tion/diversification	New project					
7.If expansion/dive whether environme has been obtained project	rsification, ental clearance for existing	NA					
8.Location of the p	roject	Kh No 53, Vi	lage Wadegaon				
9.Taluka		Ramtek					
10.Village		Wadegaon					
11.Area of the proj	ect	Other area					
10 100/104/0	(D)	Gram Pancha	yat NOC dated 14.09.2014				
Approval Number	ssion/Plan	IOD/IOA/Concession/Plan Approval Number: NA					
**		Approved Built-up Area:					
13.Note on the init applicable)	iated work (If	NA					
14.LOI / NOC / IOD Other approvals (If	from MHADA/ f applicable)	Letter No. MMN-1001/C.R 282/IND-9 dated 5.8.2006 of Govt of Maharashtra					
15.Total Plot Area	(sq. m.)	3.97 ha					
16.Deductions		NA					
17.Net Plot area		3.97 ha					
10 Dropood Duilt	um Area (EEL S	a) FSI area (sq. m.): NA					
Non-FSI)	up Area (r51 &	b) Non FSI area (sq. m.): NA					
		c) Total BUA area (sq. m.): NA					
19.Total ground co	verage (m2)	NA					
20.Ground-coverag (Note: Percentage to sky)	e Percentage (%) of plot not open	NA					
21.Estimated cost	of the project	20000000					
	22.Num	ber of l	ouildings & its conf	iguration			
Serial number Bu	uilding Name & r	number	Number of floors	Height of the building (Mtrs)			
1	NA		NA	NA			
23.Number of tenants and sho	ps NA						
24.Number of expected resider users	nts / NA						
25.Tenant density per hectare NA							
26.Height of the building(s)							
27.Right of way (Width of the roo from the nearest station to the proposed building	ad t fire NA ng(s)						

ageno mars			Signature:
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28.Turning for easy ac fire tender movement around the excluding t for the plat	y radius cess of from all building the width ntation	NA						
29.Existing structure (	J s) if any	NA						
30.Details demolition disposal (I applicable)	of the with f	NA						
		-	<b>31.</b> P	roduct	ion Details			
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)		
1	Mangar	nese ore	(	)	525	525		
		3	<b>32.1ota</b>	I Wate	r Requiremen	t		
		Source of	water	Well/Pit				
		Fresh wate	er (CMD):	10				
		Flushing (	CMD):	0				
		Recycled v Gardening	vater - (CMD):	0				
		Swimming pool make up (Cum):		0				
Dry season:		Total Water Requirement (CMD) :		10				
		Fire fighting - Underground water tank(CMD):		0				
		Fire fighting - Overhead water tank(CMD):		0				
		Excess trea	ated water	0				
		Source of	water	Well/Pit				
		Fresh wate	er (CMD):	10				
		Recycled v Flushing (	vater - CMD):	0				
		Recycled w Gardening	vater - (CMD):	0				
		Swimming make up (	pool Cum):	0				
Wet seasor	n:	Total Wate Requireme :	er ent (CMD)	10				
S		Fire fightin Undergrou tank(CMD	ng - Ind water ):	0				
		Fire fightin Overhead tank(CMD	ng - water ):	0				
		Excess treated	ated water	0				
Details of 9 pool (If any	Swimming y)	NA						
		3	3.Detail	s of Tota	l water consume	d		
Particula rs	Cons	Consumption (CMD)			Loss (CMD)	Effluent (CMD)		

age of these			Signature:
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						1		1			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Level of the Ground water table:				30 m							
		Size and no c tank(s) and Quantity:	of RWH	NA							
		Location of t tank(s):	he RWH	NA							
34.Rain V Harvestii	Vater Ig	Quantity of r pits:	echarge	NA							
(RWH)	5	Size of recha :	rge pits	NA							
		Budgetary al (Capital cost	location ) :	NA							
		Budgetary al (O & M cost)	location :	NA				3			
		Details of UG if any :	GT tanks	NA							
Natural water drainage pattern:				NA							
35.Storm drainage	water	Quantity of s water:	torm	NA							
		Size of SWD:		NA							
		l									
		Sewage gene in KLD:	ration	NA							
		STP technolo	oqv:	NA							
		Capacity of S (CMD):	5TP	NA							
Sewage Waste w	and vater	Location & at the STP:	rea of	NA							
		Budgetary al (Capital cost	location ):	NA							
		Budgetary al (O & M cost)	location ;	NA							
		36	<b>5.Soli</b>	d waste	Manag	emen	t				
Wasto gon	oration in	Waste genera	ation:	NA			-				
the Pre Construction and Construction phase:				NA							
	C Y	Dry waste:		OB/SB/IB 48	300 m3/vear. O	re 1800 n	n3/year. Reie	ct 90 m3/vear			
Wet waste				NA	,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
		Hazardous w	aste:	NA							
Waste ge in the op Phase:	neration eration	Biomedical w applicable):	vaste (If	NA							
		STP Sludge ( sludge):	Dry	NA							
		Others if any	•	NA							

		Dry waste:		OB/SB/IB w low grade o material wi	OB/SB/IB will be stacked within lease area and stabilized by plantation, low grade ore will be used for blending as per suitability and reject material will be stored as dump.					
		Wet waste	:	NA						
Mode of I	Disposal	Hazardous	waste:	NA	NA					
of waste:		Biomedica applicable	l waste (If ):	NA	NA					
		STP Sludg sludge):	STP Sludge (Dry sludge):		NA					
		Others if a	ny:	NA						
		Location(s	):	Within leas	е					
Area requirem	ent:	Area for th of waste & material:	e storage other	0.6 ha	0.6 ha					
		Area for m	achinery:	ry: NA						
Budgetary	allocation	Capital cos	st:	NA					AV	
(Capital co O&M cost)	st and :	O & M cos	t:	NA						
			<b>37.</b> E	fluent C	harec	ter	estics			
Serial Number	Parameters Unit			Inlet E Charect	Effluent terestic	; ; ; ;	Outlet I Charect	Effluent erestics	Efflue standa	nt discharge ards (MPCB)
1	N	ſΑ	NA	N	IA		N	A		NA
Amount of effluent generation NA								3		
Capacity of	the ETP:		NA							
Amount of t recycled :	reated efflue	ent	NA							
Amount of v	vater send to	o the CETP:	NA							
Membershi	p of CETP (if	f require):	NA							
Note on ET	P technology	v to be used	NA							
Disposal of	the ETP sluc	lge	NA							
			<b>38.H</b>	azardous	Wast	te D	etails			
Serial Number	Descr	iption	Cat	UOM	Existi	ing	Proposed	Total	Metho	d of Disposal
1	N	A	NA	NA	NA	1	NA	NA		NA
			<b>39.S</b>	tacks em	issior	n De	etails			
Serial Number	Section	& units	Fuel U Qua	sed with ntity	Stack	No.	Height from ground level (m)	Interna diameto (m)	r Temp	. of Exhaust Gases
1 NA			1	JA	NA	1	NA	NA		NA
40.De				tails of <b>H</b>	Fuel to	o be	e used			
Serial Number Type of Fuel			Existing			Proposed		То	tal	
1	S	NA		NA			NA		N	A
41.Source of	of Fuel		NA							
42.Mode of	Transportat	ion of fuel to	site NA							



Total RG area :		0.6 ha							
		No of trees	s to be cut	NA	NA				
43.Gree	n Belt	Number of be planted	trees to :	50/year	50/year				
Develop	ment	List of prop native tree	posed s :	Sitafal, Mango, Palash, Ramfal					
		Timeline for completion plantation	or 1 of :	0-5 years					
	<b>44.Nu</b>	mber and	l list of I	rees spe	c <mark>ies to b</mark>	e plante	ed in the ground		
Serial NumberName of the plantCommo		on Name	Qua	ntity	Characteristics & ecological importance				
1	Sita	afal	Sit	afal	r 2	20	These are resistant to dust which will be the dominant emission		
2	Ma	ngo	Ма	ngo		5	These are resistant to dust which will be the dominant emission		
3	Pal	ash	Pal	ash	1	15	These are resistant to dust which will be the dominant emission		
4	Rai	mfa	Rai	nfal	1	10	hese are resistant to dust which will be the dominant emission		
45	.Total qua	ntity of plan	ts on grou	nd					
<b>46.Num</b>	ber and	list of sl	<u>irubs an</u>	d bushes	species	s to be p	lanted in the podium RG:		
Serial Number		Name		C/C Dista	nce		Area m2		
1 NA			NA			NA			
		-		<u>47.Er</u>	<u>iergy</u>				
		Source of j supply :	Source of power supply :						
		During Construction Phase: (Demand Load)		NA					
		DG set as Power back-up during construction phase		NA					
_		During Op phase (Cor load):	During Operation phase (Connected load):		NA since one shift working is proposed				
Pov require	ver ement:	During Op phase (Der load):	eration nand	NA					
		Transform	er:	NA					
		DG set as l back-up du operation j	Power ıring phase:	NA					
		Fuel used:		NA					
	<b>S*</b>	Details of I tension lin through th any:	high e passing le plot if	NA					
48.Energy saving by non-conventional method:									
NA									
	49.Detail calculations & % of saving:								
Serial Number	E	nergy Cons	ervation M	easures			Saving %		
1 NA						NA			
		50	<b>Details</b>	of polluti	ion cont	rol Syste	ems		
Source	Ex	xisting pollu	tion contro	ol system		Pr	oposed to be installed		
							la a		

1-020 marss			Signature:
C464			Name: Dr. Umakant Gangatrao Dangat
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Mining/Ore handling	Nil						Dust co	ontrol by	water sprin	king
Budgetary	allocation	Capital o	cost:	NA						
(Capital O&M	cost and cost):	0 & M c	ost:	NA						
51	.Envir	onmei	ntal Mar	nage	ment	plan Bu	udge	etary	Alloca	ntion
		a	) Construe	c <b>tion</b> j	phase (	with Bre	ak-uj	p):		
Serial Number	Attri	butes	Para	meter	neter Total Cost per annum (Rs. In Lacs)					
1	Ν	JA	N	IA				NA		
			b) Operat	ion P	hase (w	ith Brea	k-up)	:		
Serial Number	Comp	onent	Descr	ription	Cap	ital cost Re Lacs	s. In	Operat C	tional and ost (Rs. in	Maintenance Lacs/yr)
1	Moni	toring	Air q	uality		NA			0.30	
2	Dust o	control	Air q	uality		NA			0.30	
3	CSR a	activity	As per Panchaya	r Gram at demar	nd	NA			As per ac	tuals
51.S	torage	of ch	emicals	(infl sub	lamab stanc	le/expl es)	osiv	e/haz	zardou	s/toxic
				0410	build	Maximum	(			
Description		Status	Locatio	Location		Quantity of Storage at any point of time in MT	Consu / Mo N	mption nth in AT	Source of Supply	Means of transportation
NA	L	NA	NA		NA	NA	1	NA	NA	NA
			52.A	.ny Ot	her Inf	ormation	1			
No Informat	tion Availab	le								
			53.	Traffi	<u>c Mana</u>	gement				
		Nos. of t to the m design o confluer	he junction ain road & f ice:	NA						
		Number basemer	and area of it:	NA						
		Number podia:	and area of	NA						
		Total Pa	rking area:	NA						
		Area per	car:	NA						
		Area per	car:	NA						
Parking details:		Number Wheeler approve compete authorit	of 2- s as 1 by nt y:	NA						
		Number Wheeler approve compete authorit	of 4- s as l by nt y:	NA						
		Public T	ransport:	NA						
		Width of roads (n	all Internal a):	5						
		CRZ/ RR obtain, i	Z clearance f any:	NA						

agger frankess?		D 10	Signature:
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Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	15-16 km
Category as per schedule of EIA Notification sheet	B1
Court cases pending if any	No
Other Relevant Informations	NA
Have you previously submitted Application online on MOEF Website.	Yes
Date of online submission	05-05-2017
Brief informa	tion of the project by SEAC

Earlier SEAC-I approved the TOR in its 117th meeting held on 29th and 30th December 2015. During that meeting, SEAC observed that, PP applied seperately for two adjacent mines having an area of 2.49 Ha and 3.97 Ha. Therefore PP was advised to prepare single EIA reprot.

PP also informed that, they have obtained mining lease permission from GoM vide letter No. MMN-1001/CR-282/Ind-g dated 05.08.2006.

PP now submitted the EIA report for appraisal.

#### DECISION OF SEA

During the deliberations, it was observed that the EIA report is not in line with the requirements. PP has not submitted compliance of the points raised by earlier SEAC.

In view of above, SEAC decided to defer the proposal and advised PP to submit revised EIA, EMP report along with compliance of points raised by earlier SEAC-I in their 117th meeting along with below mentioned additional points.

#### **Specific Conditions by SEAC:**

**1)** PP to submit copies of 7/12 extract to establish the ownership of the mining land.

a) PP to submit original mining plan for appraisal and verification.
b) PP to include mining closure plan in their EIA report.
c) PP to submit copy of mineral prospecting report along with the gradation of the contents like manganese, Silical and the submit copy of mineral prospecting report along with the gradation of the contents like manganese, Silical and the submit copy of mineral prospecting report along with the gradation of the contents like manganese. other contents if any.

5) PP to obtain permission from competent authority for drilling and blasting.

6) PP to submit copy of permission obtained from the State Government (Irrigation Department) as the mining activity is within 50 meters distance from the existing irrigation canal.

7) PP to submit an affidavit for not storing any magazine/PP to submit copy of permission obtained from the State Government (Irrigation Department) as the mining activity is within 50 meters distance from the existing irrigation canal. on site.

8) PP to include details of disposal of waste material and their stabilization process in the EIA report.

9) PP to provide retaining wall to the mining area to avoid and unforeseen incident like collapse etc.

10) PP to submit point wise compliance status of issues raised in the Public Hearing meeting.

**11)** PP to include impact of mining activity (explosion, vibration, vehicle movement etc.) on the nearby canal.

#### KH H

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



SEAC-1 Meeting Agenda (Day 2)								
		SEAC M	eeting nu	<b>mber:</b> 139 M	leeting Dat	<b>e</b> June 30, 2017		
Subject: Er	nvironment Cl	learance foi	r Wanjri Lim	estone & Dolon	nite Mine			
General I Pune- 411	<b>nformatio</b> 008,	<b>n:</b> Venue:	CSIR- Nat	ional Chemic	al Laborator	y (NCL)Guesthouse,	Pashan Road,	
1.Name of P	roject		Wanjari Limestone & Dolomite Mine.					
2.Type of ins	stitution		Private					
3.Name of P	roject Propon	ent	Faimida Parv	in Bashiruddin Kl	ıan			
4.Name of C	onsultant		Pollution & E	cology Control Se	ervices, Nagpur			
5.Type of pro	oject		Not applicabl	e				
6.New project/mode in existing p	ct/expansion in ernization/dive roject	n existing ersification	New					
7.If expansion whether envelopment has been obto project	on/diversificat ironmental cle tained for exis	ion, earance sting	NA					
8.Location o	f the project		Khasra No. 399, 400 & 448					
9.Taluka			Wani					
10.Village			Wanjri					
11.Area of th	ne project		Grampanchay	yat				
12 100 /10 4	() ()		NA					
Approval Nu	mber	an	IOD/IOA/Concession/Plan Approval Number: NA					
			Approved Built-up Area: 00					
13.Note on the initiated work (If applicable)			Not Applicab	le	<u> </u>			
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)			Not Applicab	le				
15.Total Plot Area (sq. m.)			25.60 Hectar	е				
16.Deduction	ns		Not applicabl	e				
17.Net Plot a	area		Not applicabl	e				
18 Proposed	Built-up Aroa	FSI &	a) r51 area (sq. m.): Not applicable					
Non-FSI)	Dunt-up Area	1 (151 &	b) Non FSI area (sq. m.): Not applicable					
			c) Total BUA area (sq. m.): Not applicable					
19.Total gro	und coverage	(m2)	Not applicable					
20.Ground-c (Note: Perce to sky)	overage Perce ntage of plot	entage (%) not open	Not applicable					
21.Estimated	d cost of the p	roject	4000000					
	22	.Num	ber of l	ouildings	s & its c	onfiguration		
Serial number	Building	ı Name & ı	number	Numł	per of floors	Height of th	e building (Mtrs)	
1	No	ot applicabl	е	Not	applicable	Not	applicable	
23.Number of tenants and shops Not applica			ble					
24.Number of expected residents / Not applica users		ble						
25.Tenant density per hectare Not applica			ble					
26.Height of the building(s)								
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)								

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28.Turning for easy ac fire tender movement around the excluding t for the plat	radius cess of from all building the width ntation	Not applicable							
29.Existing structure (	J s) if any	Not applicable							
30.Details demolition disposal (I applicable)	of the with f	Not applica	ble						
31.Production Details									
Serial Number	l Product Existing			(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Limestone	& Dolomite	N	A	35000 TPA	35000 TPA			
		3	<u>B2.Tota</u>	l Wate	r <b>Requiremen</b>	t			
		Source of	water	Mines Pit W	later & Ground water wi	thin the mine lease area			
		Fresh wate	er (CMD):	2.5					
		Recycled w Flushing (	vater - CMD):	Not applica	ble				
		Recycled v Gardening	vater - (CMD):	Not applica	ble				
		Swimming make up (	Swimming pool make up (Cum):		ble				
Dry season	:	Total Wate Requireme	er ent (CMD)	Not applica	ble				
		Fire fightin Undergrou tank(CMD	ng - Ind water ):	Not applicable					
		Fire fightin Overhead tank(CMD	ng - water ):	Not applicable					
		Excess trea	ated water	Not applicable					
		Source of	water	Mines Pit Water & Ground water within the mine lease area					
		Fresh wate	er (CMD):	2.5					
		Recycled w Flushing (	vater - CMD):	Not applicable					
		Recycled w Gardening	vater - (CMD):	Not applicable					
		Swimming make up (	pool Cum):	Not applicable					
Wet seaso	1:	Total Wate Requireme	er ent (CMD)	Not applicable					
	<b>SY</b>	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				
Details of 9 pool (If any	Swimming y)	Not applica	ble						
		3	<b>B3.Detail</b>	s of Tota	l water consume	d			
Particula rs	Cons	sumption (C	CMD)		Loss (CMD)	Effluent (CMD)			

approvers			Signature: Name: Dr. Umakant Gangetrao Dangat
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Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total						
Domestic	0	2.5	2.5	0	1.5	1.5	1.0	1.0	1.0						
				•											
		Level of the owner table:	Ground	8-9 Meter											
		Size and no c tank(s) and Quantity:	Size and no of RWH cank(s) and Quantity:		NA										
		Location of the RWH tank(s): Quantity of recharge pits:		NA											
34.Rain V Harvestii	Vater 1g			Existing aba groundwate	ndon pits whic r in the region	ch subseq	uently enhand	ces the recharg	ge to						
(RWH)		Size of recha :	rge pits	NA											
		Budgetary al (Capital cost	location ) :	NA											
		Budgetary al (O & M cost)	location :	NA				<b>S</b> (							
		Details of UG if any :	T tanks	Not Applical	ble										
25 Storm	wator	Natural wate drainage pat	r tern:	The storm w of diversion channels or	vater will be di banks intercen to water stora	verted fro ot drains t ge reserve	m the mining to either the r pirs.	areas through atural drainag	n a series Je						
drainage	water	Quantity of s water:	Quantity of storm water:		NA										
		Size of SWD:		NA											
		Sewage gene in KLD:	ration	1.0											
		STP technolo	ogy:	NA											
Sewage	and	Capacity of S (CMD):	TP	NA											
Waste w	ater	Location & a the STP:	rea of	NA											
		Budgetary al (Capital cost	location ):	NA											
		Budgetary al (O & M cost)	location :	NA											
		36	5.Soli	d waste	Manag	emen	t								
Waste gen	eration in	Waste genera	ation:	NA											
the Pre Co and Constr phase:	nstruction ruction	Disposal of the construction debris:	Disposal of the construction waste debris:		NA										
	5	Dry waste:		Mine Reject											
		Wet waste:		NA											
Masta	nove ti	Hazardous w	aste:	NA											
waste ge in the op Phase:	eration	Biomedical w applicable):	vaste (If	NA											
		STP Sludge ( sludge):	Dry	NA											
Others if any:				NA					NA						

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	Dry waste:			Mine Reject Mine lease	ts will be di area.	ump in earma	rk area in no	on mineralise zone in	
		Wet waste	;	NA					
36 1 6	Made of Dispessi		waste:	NA					
of waste: STP S sludg		Biomedica applicable	l waste (If ):	Na					
		STP Sludg sludge):	e (Dry	NA	NA				
	Others if any:								
Location(s):			):	Non minera	alise area in	mine lease a	rea		
Area requirement: Area for the of waste & of material:		e storage other	1.17 ha. Ar	ea					
		Area for m	achinery:	NA					
<b>Budgetary</b>	allocation	Capital cos	st:	NA					
O&M cost)	st and	0 & M cos	t:	NA					
			<b>37.</b> E	fluent C	harecte	restics			
Serial Number	Paran	Parameters Unit			Effluent terestics	Outlet Charect	Effluent cerestics	Effluent discharge standards (MPCB)	
1	N	NA NA		Ν	JA	N	IA	NA	
Amount of e (CMD):	nt of effluent generation NA								
Capacity of	the ETP:		NA						
Amount of t recycled :	reated efflue	ent	NA		6				
Amount of v	vater send to	o the CETP:	NA						
Membershi	o of CETP (if	f require):	NA						
Note on ET	P technology	v to be used	NA						
Disposal of	the ETP sluc	lge	NA						
			<b>38.H</b>	azardous	Waste 1	Details			
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal	
1	N	ΙA	NA	NA	NA	NA	NA	NA	
			<b>39.S</b>	tacks em	ission D	etails			
Serial Number	Section	& units	Fuel U Qua	sed with antity	Stack No	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	N	IA	1	ΝA	NA	NA	NA	NA	
			40.De	etails of I	Fuel to b	e used			
Serial Number	Тур	e of Fuel		Existing		Proposed		Total	
1		Diesel		NA		40 Liter		40 Liter	
41.Source of	f Fuel		Avai	lable in near	by place				
42.Mode of	Transportat	ion of fuel to	site NA,	It is used in V	Vehicles.				



		Total RG area :		NA	NA					
		No of trees	s to be cut	NA						
43.Green Belt Development		Number of be planted	Number of trees to be planted :		NA					
		List of proposed native trees :		NA	NA					
Timeline for completion of plantation :			Every year	Every year 500 trees will be planted.						
	<b>44.Nu</b>	mber and	l list of t	rees species to be planted in the ground						
Serial Number	Name of	the plant	Commo	n Name	Quar	ntity	Characteristics & ecological importance			
1	Azadirac	hta indica	Kadı	ılimb	30	0	Dense, evergreen			
2	Feronia	limonia	Kav	vath	20	0	Deciduous, slow-growing, erect tree			
3	Terminai	lia catapa	Desi I	Badam	10	0	Deciduous, medium			
4	Pongami	a pinnata	Kai	ranj	25	0	Fast growing, glabrous, deciduous.			
5	Butea mo	nosperma	Ра	las	25	0	medium-sized dry season- deciduous tree			
6	Psidium	guajava Per		eru	200		fast growing tropical and subtropical species			
7	Annona s	squamosa	squamosa Sitar		250		Fast growing fruit tree,Deciduous, medium			
8	Emblica	officinalis	Aw	vala	300		usually deciduous, medium size			
9	Pithecello	bium dulce	Vilayat	i chinch	ch 200		Deciduous, medium			
10	Albizia od	oratissima	Chio	chwa	wa 200		Deciduous Tree			
11	Ziziphu	s jujuba	В	or	200		Deciduous Tree			
12	Ficus r	eligiosa	Pij	pal	20	00	Deciduous, slow-growing, erect tree			
13	Saraca	a asoca	Ash	loka	30	0	Evergreen, small			
14	Deloni	x Regia	Guln	nohar	25	0	Deciduous, large			
45	5.Total qua	ntity of plar	ts on grou	nd						
<b>46.Nun</b>	ıber and	list of sl	nrubs an	d bushes	s species	to be p	lanted in the podium RG:			
Serial Number		Name		C/C Dista	ince		Area m2			
1		NA		NA			NA			
				<b>47.E</b>	nergy					
	47.Ellergy									



		Source of power supply :							
		During Co Phase: (De Load)	nstruction emand	NA					
Power requirement:		DG set as back-up du constructi	Power uring on phase	NA					
		During Op phase (Cor load):	eration nnected	NA					
		During Op phase (De load):	eration mand	NA					
		Transform	er:	NA					
		DG set as back-up du operation	Power uring phase:	NA					
		Fuel used:		NA					
		Details of tension lin through th any:	high le passing le plot if	NA	NA NA				
		48.Ene	ergy savi	ng by no	n-co	nventional n	nethod:		
NA			00				3		
		4	9.Detail	calculati	ons	& % of savin	g:		
Serial Number	Energy Conservation M			easures			Saving %		
1	1 NA						NA		
50.Details of pollution control Systems									
		<b>J</b> U	.Details	ot pollut:	ion c	ontrol Syste	ms		
Source	Ex	OC isting pollu	.Details ( ition contro	of pollut: l system	ion c	ontrol Syste Pro	ms posed to be installed		
Source Vehicular Movement and handling of	Ex	30 isting pollu	NA	of pollut:	ion c	Sprinklers and	ms posed to be installed I Dust suppression through Water tanker		
Source Vehicular Movement and handling of minerals	Ex	30 isting pollu	NA	of pollut:	ion c	ontrol Syste Pro	ms posed to be installed I Dust suppression through Water tanker		
Source Vehicular Movement and handling of minerals Budgetary	Ex allocation	30 isting pollu Capital co	NA NA	of pollut: l system		Sprinklers and	ms posed to be installed I Dust suppression through Water tanker		
Source Vehicular Movement and handling of minerals Budgetary (Capital O&M	Ex allocation cost and cost):	50 isting pollu Capital co 0 & M cos	NA st:	NA NA	ion c	Sprinklers and	ms posed to be installed I Dust suppression through Water tanker		
Source Vehicular Movement and handling of minerals Budgetary (Capital O&M 51	Ex allocation cost and cost): .Enviro	50 isting pollu Capital co 0 & M cos 0 mmen	NA NA st: t: tal Mar	NA NA NA	ent j	Sprinklers and	ms posed to be installed I Dust suppression through Water tanker		
Source Vehicular Movement and handling of minerals Budgetary (Capital O&M 51	Ex allocation cost and cost): .Enviro	50 isting pollu Capital co O & M cos Dnmen a)	NA NA st: t: tal Mar Construct	NA NA NA NA NA NA NA NA	ent j	ontrol Syste Pro Sprinklers and Dlan Budg with Break-u	ms posed to be installed I Dust suppression through Water tanker		
Source Vehicular Movement and handling of minerals Budgetary (Capital O&M 51 Serial Number	Ex allocation cost and cost): .Enviro Attri	50 isting pollu Capital co 0 & M cos 0 mment a) butes	NA NA st: t: tal Mar Construct Parar	NA NA NA NA NA NA NA NA NA NA NA NA NA N	ent j	ontrol Syste Pro Sprinklers and Dlan Budg with Break-u Total Cost p	ms posed to be installed I Dust suppression through Water tanker etary Allocation up): ber annum (Rs. In Lacs)		
Source Vehicular Movement and handling of minerals Budgetary (Capital O&M 51 Serial Number 1	Ex allocation cost and cost): .Enviro Attrii	50 isting pollu Capital con O & M cos DNMEN a) butes	NA NA st: t: tal Mar Construct Paran	NA NA NA NA Ction pha neter		ontrol Syste Pro Sprinklers and Olan Budg with Break-u Total Cost p	ms posed to be installed I Dust suppression through Water tanker <b>etary Allocation</b> up): per annum (Rs. In Lacs) NA		
Source Vehicular Movement and handling of minerals Budgetary (Capital O&M 51 Serial Number 1	Ex allocation cost and cost): .Enviro Attri	50 isting pollu Capital co O & M cos Onmen a) butes	NA NA st: t: tal Mar Construc Paran N ) Operat	NA NA NA NA <b>nageme</b> <b>ction pha</b> neter A <b>ion Phas</b>	ent j ise (vi	ontrol Syste Pro Sprinklers and olan Budg with Break-u Total Cost p ith Break-up	ms posed to be installed I Dust suppression through Water tanker etary Allocation p): ber annum (Rs. In Lacs) NA ):		
Source Vehicular Movement and handling of minerals Budgetary (Capital O&M 51 Serial Number 1 Serial Number	Ex allocation cost and cost): .Enviro Attril	SU isting pollu Capital co O & M cos Onmen a) butes IA bonent	NA NA st: tion contro NA st: ti ti ti ti ti ti ti ti ti ti ti ti ti	NA NA NA NA <b>nageme</b> ction pha neter A ion Phas	ent j ise (v cap	ontrol Syste Pro Sprinklers and Olan Budg with Break-u Total Cost p ith Break-up ital cost Rs. In Lacs	ms posed to be installed I Dust suppression through Water tanker <b>etary Allocation</b> (p): ber annum (Rs. In Lacs) NA ): Operational and Maintenance cost (Rs. in Lacs/yr)		
Source Vehicular Movement and handling of minerals Budgetary (Capital O&M 51 Serial Number 1 Serial Number 1 1	Ex allocation cost and cost): .Enviro Attril N Comp Water F Cor	SO         isting pollu         Capital con         O & M cos         Onment         a)         butes         IA         bonent         Pollution         atrol	NA NA st: tion contro NA st: ti tal Mar Construct Paran N Descr pits and ga	NA NA NA NA <b>nageme</b> ction pha neter A ion Phas iption	ent j nse (v Cap	Sprinklers and Sprinklers and Dlan Budg with Break-u Total Cost p ith Break-up ital cost Rs. In Lacs 2.00	ms posed to be installed I Dust suppression through Water tanker etary Allocation p): per annum (Rs. In Lacs) NA ): Operational and Maintenance cost (Rs. in Lacs/yr) 0.20		
Source Vehicular Movement and handling of minerals Budgetary (Capital O&M 51 Serial Number 1 1 Serial Number 1 2	Ex allocation cost and cost): .Enviro Attril N Comp Water F Cor Air Po	SO         isting pollu         isting pollu         O & M cos         O M cos         Onment         butes         IA         bonent         Pollution         itrol	NA NA st: t: t: t: t: t: t: t: t: t: t: t: t: t	NA NA NA NA <b>ageme</b> <b>ction pha</b> <b>neter</b> A <b>iption</b> rland drain ression by raying on ad by water cers	ent j ise (v Cap	Sprinklers and Sprinklers and Dlan Budg with Break-u Total Cost p ith Break-up ital cost Rs. In Lacs 2.00 4.00	ms posed to be installed I Dust suppression through Water tanker etary Allocation p): per annum (Rs. In Lacs) NA ): Operational and Maintenance cost (Rs. in Lacs/yr) 0.20 0.50		
Source Vehicular Movement and handling of minerals Budgetary (Capital O&M 51 Serial Number 1 1 2 3	Ex allocation cost and cost): .Enviro Attril N Comp Water F Cor Air Po Plant	SO         isting pollu         isting pollu         O & M cos         O & M cos         Onment         butes         IA         bonent         Pollution         http://www.cos         Ilution         tation	NA NA st: tion contro NA st: ti tal Mar Construct Paran N ) Operat: Descr pits and ga Dust Supp water spi internal Roi tanl Green develo	NA NA NA NA <b>ageme</b> <b>ction pha</b> <b>neter</b> A <b>ion Phas</b> <b>iption</b> rland drain ression by raying on ad by water cers n belt pment	ent j nse (w Cap	sprinklers and olan Budg with Break-u Total Cost p ith Break-up ital cost Rs. In Lacs 2.00 4.00 2.00	ms posed to be installed a Dust suppression through Water tanker etary Allocation p): per annum (Rs. In Lacs) NA ): Operational and Maintenance cost (Rs. in Lacs/yr) 0.20 0.20		
Source Vehicular Movement and handling of minerals Budgetary (Capital O&M 51 Serial Number 1 1 2 3 3	Ex allocation cost and cost): .Enviro Attril N Comp Water F Cor Air Po Plant Noise P	SO       isting pollu       isting pollu       O & M cos       O & M cos       Onment       Pollution       allution       Pollution       Pollution	NA NA st: tion contro NA st: t: t: t: t: t: t: t: t: t: t: t: t: t	NA NA NA NA <b>ageme</b> <b>ction pha</b> <b>neter</b> A <b>ion Phas</b> <b>iption</b> rland drain ression by raying on ad by water cers n belt pment Mask, ear workers	ent j ent j e (wi Cap	sprinklers and olan Budg with Break-u Total Cost p ith Break-up ital cost Rs. In Lacs 2.00 4.00 2.00 1.00	ms posed to be installed a Dust suppression through Water tanker etary Allocation p): ber annum (Rs. In Lacs) NA ): Operational and Maintenance cost (Rs. in Lacs/yr) 0.20 0.50 0.20 0.10		

and the set			Signature:
CEOP			Name: Dr. Umakant Gaugatrao Dangat
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51.Storage	e of ch	emicals	(infl sub	amabl stance	e/explo s)	osive/ha	zardou	s/toxic		
Description	Status	Location	n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation		
NA	NA	NA		NA	NA	NA	NA	NA		
•		52.A	ny Ot	her Info	rmation					
No Information Availab	ole									
		53.	Traffi	c Manag	gement					
	Nos. of to the m design o conflue	the junction lain road & of nce:	NA				1	*		
	Number basemer	and area of nt:	NA							
	Number podia:	and area of	NA							
	<b>Total Pa</b>	rking area:	NA							
	Area pe	r car:	NA							
	Area pe	r car:	NA							
Parking details:	Number Wheeler approve compete authorit	Number of 2- Wheelers as approved by competent authority:		NA						
	Number Wheeler approve compete authorit	of 4- cs as d by ent ty:	NA							
	Public T	<b>Transport:</b>	NA							
	Width o roads (n	f all Internal n):	NA							
	CRZ/ RF obtain,	RZ clearance if any:	NA							
	Distance Protecte Criticall areas / I areas/ in boundar	e from ed Areas / ly Polluted Eco-sensitive nter-State ries	NA							
	Categor schedul Notifica	y as per e of EIA tion sheet	NA							
GY	Court ca if any	ases pending	NA							
	Other R Informa	elevant tions	NA							
	Have you previously submitted Application online on MOEF Website.		No							
	Date of submiss	online sion	-							
	Brief	informa	tion	of the	projec	t by SEA	AC			
This application was al	ready reco	mmended by ea	arlier SE	EAC-1 in the	ir 133rd me	eting held on2	3rd and 24t	h August, 2016.		
Durng this meeting CO	mmittee c	lecided to trar	nsfer th	e same to	SEIAA port	al.				
							le.	ê.		

appro march			Signature: Name: Dr. Umakant Gangetrao Dangat
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# **DECISION OF SEAC**

**Specific Conditions by SEAC:** 

# FINAL RECOMMENDATION

Kindly find SEAC decision above.

Stillering



SEAC-1 Meeting Agenda (Day 2)								
	SEAC Meeting number: 139 Meeting Date June 30, 2017							
Subject: Environment Clearance for Environmental Clearance for - : Industrial Project								
<b>General Information:</b> Venue: CSIR- National Chemical Laboratory (NCL)Guesthouse, Pashan Road, Pune- 411008,								
1.Name of P	roject		M/s. Sant Gya	aneshwar Steel Pvt. Ltd.				
2.Type of ins	stitution	Private						
3.Name of P	roject Propo	Proponent Mr. Vinod Vedprakash Goyal						
4.Name of C	onsultant		S G M Enviro	(I) Pvt. Ltd., Pune.				
5.Type of pro	oject	Industrial Estate						
6.New project/mode in existing p	ct/expansion ernization/di roject	in existing versification	Expansion in	existing project				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project			NA					
8.Location o	f the project		Gat No. 1076	/77, Golegaon Road				
9.Taluka			Khed					
10.Village			Markal					
11.Area of the	ne project		Located in In	dustrial zone				
12 100/104/	Concossion/I	Don	Zonal Certific	cate has been received.				
Approval Nu	mber	1411	IOD/IOA/Concession/Plan Approval Number: NA					
			Approved Built-up Area: 1616.94					
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.)			15700 Sq.m.					
16.Deductio	ns		Not applicable					
17.Net Plot	area							
18 Proposed	Built-un Are	a (FSI &	a) FSI area (sq. m.): Not applicable					
Non-FSI)	Dunt up m	u (i oi d	b) Non FSI area (sq. m.): Not applicable					
40 7 . 1			c) Total BUA area (sq. m.): 1616.94					
19.Total gro	und coverage	e (m2)	Not applicable					
20.Ground-c (Note: Perce to sky)	overage Pero ntage of plot	centage (%) t not open	Not applicable					
21.Estimate	d cost of the	project	312500000					
	2	2.Num	ber of l	ouildings &	its confi	guration		
Serial number	Buildin	ig Name & i	number	Number of	floors	Height of the building (Mtrs)		
1	Ν	Not applicabl	е	Not applic	able	Not applicable		
23.Number tenants an	r of d shops	Not applica	ble					
24.Number expected r users	Iumber of       ccted residents /       S							
25.Tenant per hectar	density e	Not applica	ble					
26.Height building(s)	of the							
27.Right o (Width of the from	f way he road earest fire he wilding(s)	12m						

approverse			Signature:
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28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	15 m								
29.Existing structure (	J s) if any	Yes. Expansion of the Existing project.								
30.Details demolition disposal (I applicable)	of the with f	Not applicable								
			31.P	roduction Details						
Serial Number	Pro	duct	Existing	(MT/M)	(MT/M) Proposed (MT/M) Total (MT/M)					
1	MS II	ngots	360	000	1,20,000	1,56,000				
2	Runne	er riser	72	20	0	720				
		3	2.Tota	I Wate	r Requiremen	t				
		Source of v	water	Tanker						
		Fresh wate	er (CMD):	53.2						
		Recycled w Flushing (	ater - CMD):	0						
		Recycled w Gardening	ater - (CMD):	0		9				
		Swimming pool make up (Cum):		0						
Dry season	1:	Total Wate Requireme :	er ent (CMD)	61.7 (Existing) + 53.2 (Expansion)=114.9						
		Fire fighting - Underground water tank(CMD):       Ground level water tank - 20								
		Fire fightin Overhead v tank(CMD)	ng - water ):	90						
		Excess trea	ated water	0						
		Source of v	water	Tanker						
		Fresh wate	er (CMD):	53.2						
		Recycled w Flushing (	vater - CMD):	0						
		Recycled w Gardening	ater - (CMD):	0						
		Swimming make up (	pool Cum):	0						
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	61.7 (Existing) + 53.2 (Expansion)=114.9						
	5	Fire fightin Undergrou tank(CMD)	ng - nd water ):	Ground leve	el water tank - 20					
		Fire fightin Overhead y tank(CMD)	ng - water ):	90						
		Excess trea	ated water	0						
Details of s pool (If an	Swimming y)	Not applica	ble							
		3	<b>3.Detail</b>	s of Tota	l water consume	d				
Particula rs	Cons	sumption (C	MD)		Loss (CMD)	Effluent (CMD)				

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Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	1.2	1.9	3.1	0.2	0.2	0.4	1	1.7	2.7		
Industrial Process	0	0	0	0	0	0	0	0	0		
Cooling tower & thermopa ck	60	50	110	60	50	110	0	0	0		
Gardening	0.5	1.3	1.8	0.5	1.3	1.8	0	0	0		
		-									
		Level of the water table:	Ground	80-90 m							
		Size and no o tank(s) and Quantity:	of RWH	The rainwat engineering	er harvesting s of the project.	structure	will be decide	ed during detai	led		
		Location of t tank(s):	he RWH	NA			C				
34.Rain V Harvestii	Water Ng	Quantity of r pits:	echarge	The rainwat engineering	er harvesting s of the project.	structure	will be decide	ed during detai	led		
(RWH)	5	Size of recha :	rge pits	NA							
		Budgetary al (Capital cost	location ) :	5			3				
		Budgetary al (O & M cost)	location :	2							
		Details of UC if any :	GT tanks	UGT tank of	capacity-100	CMD					
		Natural wate drainage pat	r tern:	North West to South East							
35.Storm drainage	water	Quantity of s water:	torm	10 Cum/sec							
		Size of SWD:		300 x 300 mm							
		Sewage gene in KLD:	ration	Existing 1 CMD +Proposed 1.7 CMD Total=2.7CMD							
		STP technolo	ogy:	Domestic effluent generated will be sent to Septic Tanks followed by soak pits.							
Sewage	and	Capacity of S (CMD):	TP	NA							
Waste w	ater	Location & a the STP:	rea of	On ground							
		Budgetary al (Capital cost	location ):	NA							
	5	Budgetary al (O & M cost)	location :	NA							
		36	<b>5.Soli</b>	<u>d waste</u>	Manag	emen	t				
Waste gen	eration in	Waste genera	ation:	Negligible a	mount of wast	e will get	generated				
the Pre Co and Constr phase:	nstruction ruction	Disposal of t construction debris:	he waste	Waste shall	be sent to auth	norized de	aler.				
		Dry waste:		Scrap : Exis 480 MT/Ann Annum, Tota	ting – 120 MT/ um Slag : Exis al – 9600 MT/A	Annum, P ting – 120 .nnum	roposed : 360 00 MT/Annum	) MT/ Annum, ' , Proposed : 84	Total – 400 MT/		
		Wet waste:		NA							
Waste ge	neration	Hazardous w	aste:	NA							
Phase:		Biomedical v applicable):	vaste (If	NA							
		STP Sludge ( sludge):	Dry	NA							
1 Abk B'	and an (C	Others if any	'	NA	a Data I	0 11 0		naliart D			
Abhay Pimparkar (Secretary SEAC Meeting N SEAC-I)			leeting N	o: 139 Meetin 2017	ig Date: June 3	<i>U</i> , <b>P</b> a	ge 25    Dr. Ui of 88    (Chaii	nakant Dangat rman SEAC-I)			

		Dry waster	rv waste:		Scrap: Reused in process. Slag : Sale to authorized vendor							
		Wet waste			NA	NA						
		Hazardous	Wast	e:	NA							
Mode of Disposal of waste:		Biomedica	l was	te (If	5 T A					-		
		applicable):		(11	NA							
		STP Sludg sludge):	e (Dr	У	NA							
		Others if a	ny:		NA							
		Location(s):			NA							
Area requirem	Area for the s of waste & ot material:		e sto othe	rage r	NA	NA						
		Area for m	achir	nery:	NA							
Budgetary	allocation	Capital cos	st:		NA							
(Capital co O&M cost)	ost and :	O & M cos	t:		NA							
			3	<b>B7.Ef</b>	fluent C	hare	cter	estics				
Serial	Donom	notoro	TI		Inlet E	ffluer	t	Outlet	Effluent		Effluent discharge	
Number	Paral	lieters	U.	mit	Charect	teresti	CS	Charect	erestics		standards (MPCB)	
1	N	[A	N	JA	N	IA		N	IA		NA	
Amount of e (CMD):	effluent gene	eration	Nil					C				
Capacity of the ETP: NA												
Amount of treated effluent NA												
Amount of water send to the CETP: NA												
Membership of CETP (if require): NA												
Note on ET	P technology	v to be used	NA									
Disposal of	the ETP sluc	lge	NA									
			3	8.Ha	zardous	Was	ste D	etails				
Serial Number	Descr	iption	С	at	UOM	Exis	ting	Proposed	Total	l	Method of Disposal	
1	N	A	N	JA	NA	N	A	NA	NA		NA	
			5	39.S	tacks em	acks emission Details						
Serial Number	Section	& units	F	uel Us Qua	ed with ntity	Stac	k No.	Height from ground level (m)	Interna diamet (m)	al er	Temp. of Exhaust Gases	
1	Existing Furi	Electric nace		Elect	ricity	1 -Ext sta	isting Ick	30	0.8		120	
2	Existing	D.G. Set		LI	00	2 -Ext sta	isting ick	2.0 m above roof	0.15		70	
3	proposed Furi	l Electric nace		Elect	ricity	3 prop sta	- osed ick	30	1.2		120	
4	Proposed	l D.G. Set		LI	00	4 Prop sta	- osed ick	2.0 m above roof	0.15		70	
			4	0.De	tails of <b>F</b>	uel	to b	e used				
Serial Number	Тур	e of Fuel			Existing			Proposed			Total	
1		LDO			6 lit/hr			6 lit/hr			12 lit/hr	
41.Source of	of Fuel			Local	vendor							
42.Mode of	Transportat	ion of fuel to	site	By ro	ad							

ager or averes			Signature:
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	Total RG a		rea :	Existing- 36	699.48 m2 , Proposed- 18	94.27 m2 , Total= 5593.75 m2						
		No of trees	s to be cut	NA								
43.Gree	n Belt	Number of be planted	f trees to	Existing trees= 429 Nos								
Develop	ment	List of pro native tree	posed es :	Industry have already planted adequate no. of trees. List of all the Existing trees with their quantities is given below.								
Timeline for completion of plantation :			or 1 of :	Industry have already planted adequate no. of trees								
	<b>44.Nu</b>	mber and	l list of t	rees spe	cies to be plante	d in the ground						
Serial Number	Name of	Name of the plant Com		n Name Quantity		Characteristics & ecological importance						
1	Platycladu	s orientalis	Morp	ankhi	1	They are widely grown as ornamental trees, and extensively used for hedges						
2	Ficus ra	acemosa	Um	bar	1	For people whose skin is especially sensitive to insect bites, this is a very simple home remedy.						
3	Combretu	m indicum	Boga	anbel	50	The flowers change in color with age and it is thought that this is a strategy to gather more pollinators.						
4	Ot	her	N	A	25	NA						
5	Mangife	ra Indica	Ma	ngo	6	Deep route, Evergreen						
6	Ficus ben	nghalensis	Ban	yan	5	Native to the Indian Subcontinent.						
7	Deloni	x regia	Gulm	ìohar	3	Quick growing						
8	Leuc leucoc	caena cephala	Suba	ibhul	153	Evergreen						
9	Polyalthia	longifolia	Ashoka		8	Lofty evergreen tree, native to India, commonly planted due to its effectiveness in alleviating noise pollution.						
10	Bauhinia	racemosa	Apta		3	Flowering shrub, Native to India.						
11	Azadirac	hta indica	Neem		30	Fast growing						
12	Vachellia	a nilotica	Bab	ohul	4	Slow growing, long lived						
13	Hyop lagen:	horbe icaulis	Bottle	palm	18	bottle shaped trunk						
14	Phyllanth	us emblica	Av	vla	1	Gives edible fruit						
15	Senegali	a catechu	Kh	air	3	deciduous and has short hooked spines						
16	Ixora coccinea		Ixora coccinea		Ixora coccinea		Ixora coccinea		Jar	ngli	4	used in warm climates for hedges and screens, foundation plantings, massed in flowering beds
17	Terminali	ia catappa	Amon	d Tree	1	large tropical tree, provides fruit with edible seed						
18	Ziziphu	s jujuba	В	or	3	Evergreen shrub						
19	Tamarino	lus indica	Chi	nch	1	edible fruit						
20	Cocos r	nucifera	Nar	riyal	10	Inside it contains one seed, rich in reserve substances located in the endosperm which is partly liquid (coconut milk), partly solid (flesh).						
21	Manilka	ra zapota	Ch	iku	5	An unripe fruit has a firm outer skin and when picked, releases white chicle from its stem. A fully ripened fruit has saggy skin and does not release chicle when picked.						
22	Citrus L	imonum	Lin	nbu	4	The juice of the lemon is about 5% to 6% citric acid, which gives a sour taste.						

approver and the			Signature:
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23	Citrus	limetta	Mos	ambi	1	L	Fruits are oval and green, ripening to yellow, with greenish pulp.
24	Plumeria	a obtusa	Cha	apha	8	}	This plant is commonly used as an ornamental, grown for its flowers.
25	Moringa oleifera Sl		Shewga		4	0	It can also be used for water purification and hand washing, and is sometimes used in herbal medicine.
26	Punica granatum		Dalimb		2	2	As intact arils or juice, pomegranates are used in baking, cooking, juice blends, meal garnishes, smoothies, and alcoholic beverages, such as cocktails and wine.
27	Rosa Da	Rosa Damascena		Gulab		0	The flowers are renowned for their fine fragrance, and are commercially harvested for rose oil used in perfumery and to make rose water and "rose concrete". The flower petals are also edible. They may be used to flavor food, as a garnish, as an herbal tea, and preserved in sugar as gulkand.
28	Murraya	ı koenigii Kadir		patta	1		Most commonly used in curries, leaves from the curry tree can be used in many other dishes to add flavor
29	Aegle m	armelos Be		el	1		Its fruits are used in traditional medicine and as a food throughout its range.
30	Hibiscus Ja:		Jasv	and 7		7	Evergreen shrub The flower is additionally used in hair care as a preparation.
45.Total quantity of plants on grou							
45		let of plants	oli giou	na 1 h h 🍙		4 . h l	
45 46.Nun Serial	nber and	list of shr	ubs an	d bushes	s species	to be pla	anted in the podium RG:
45 46.Num Serial Number	nber and	list of shr	ubs an	nd d bushes C/C Dista	s species	to be pla	Area m2
45 46.Num Serial Number	nber and	list of shr Name NA	ubs an	nd d bushes C/C Dista NA 47. Fi	s species	to be pla	anted in the podium RG: Area m2 NA
45 46.Num Serial Number	nber and	list of shr Name NA Source of po	ubs an	Ad bushes C/C Dista NA 47.E1 MSEDCL	s species nce nergy	to be pla	anted in the podium RG: Area m2 NA
45 46.Num Serial Number 1	nber and	NA Source of po supply : During Cons Phase: (Dem	wer truction	Ad bushes C/C Dista NA 47.E1 MSEDCL NA	s species nce nergy	to be pla	anted in the podium RG: Area m2 NA
45 46.Num Serial Number 1	nber and	Itst of shr Name NA Source of po supply : During Cons Phase: (Dem Load) DG set as Po back-up duri construction	wer ng phase	Ad bushes C/C Dista NA 47.E1 MSEDCL NA NA	s species nce	to be pla	anted in the podium RG: Area m2 NA
45 46.Num Serial Number 1	nber and	Itst of shr list of shr Name NA Source of po supply : During Cons Phase: (Dem Load) DG set as Po back-up duri construction During Oper phase (Conn load):	wer ng phase ation ected	A bushes C/C Dista NA 47.E1 MSEDCL NA NA Existing Co KVA,Total-1	nce nergy	<b>to be pl</b>	Area m2 NA
45 46.Num Serial Number 1 1 Pov require	wer ement:	Itst of shr Name NA Source of po supply : During Cons Phase: (Dem Load) DG set as Po back-up duri construction During Oper phase (Conn load): During Oper phase (Dema load):	wer ng phase ation ected ation nd	d bushes C/C Dista NA 47.E1 MSEDCL NA NA Existing Co KVA,Total-1 Existing Ma 10,000KVA	nnected Load Amergy	to be pla d -4990 KVA and -4990KV 00 KVA	Area m2 NA NA , Proposed Connected Load -10,000 /A, Proposed Maximum Demand -
45 46.Num Serial Number 1 1 Pov require	wer ement:	list of shr Name NA Source of po supply : During Cons Phase: (Dem Load) DG set as Po back-up duri construction During Oper phase (Conn Ioad): During Oper phase (Dema Ioad): Transformer	wer ng phase ation ected ation nd	d bushes C/C Dista NA 47.E1 MSEDCL NA NA Existing Co KVA,Total-1 Existing Ma 10,000KVA Existing (2 12000 KVA	nnected Load Advinum Dem. Total - 1499 Nos) of capa	to be pla d -4990 KVA and -4990KV 00 KVA cities 6250K	Area m2 NA NA NA NA NA NA NA NA NA NA NA NA NA
45 46.Num Serial Number 1 1 Pov require	wer ement:	list of shr Name NA Source of po supply : During Cons Phase: (Dem Load) DG set as Po back-up duri construction During Oper phase (Conn load): During Oper phase (Dema load): Transformer DG set as Po back-up duri operation ph	wer ng phase ation ected ation nd wer ng ase:	A C/C Dista C/C Dista NA 47.E1 MSEDCL NA NA Existing Co KVA,Total-1 Existing Ma 10,000KVA Existing (2 12000 KVA Existing 1	s species nce nergy nerg	to be pla d -4990 KVA and -4990KV 00 KVA cities 6250K VA, Proposed	Area m2 NA NA NA NA NA NA NA NA NA NA NA NA NA
45.Num Serial Number 1	wer ement:	list of shr Name NA Source of po supply : During Cons Phase: (Dem Load) DG set as Po back-up duri construction During Oper phase (Conn Ioad): During Oper phase (Dema Ioad): Transformer DG set as Po back-up duri construction During Oper phase (Dema Ioad):	wer ng phase ation ected ation nd wer ng ase:	d bushes C/C Dista NA 47.E1 MSEDCL NA NA Existing Co KVA,Total-1 Existing Ma 10,000KVA Existing (2 12000 KVA Existing 1 LDO	nnected Load Arimum Dem. Total - 1499 Nos) of capa	to be pla d -4990 KVA and -4990KV o0 KVA cities 6250K VA, Proposed	Area m2 NA NA NA , Proposed Connected Load -10,000 /A, Proposed Maximum Demand - VA & 750KVA, Proposed (1 No) of d 1 no. of 250 KVA
45 46.Num Serial Number 1 Pov require	wer ement:	Ist of shr Name NA Source of po supply : During Cons Phase: (Dem Load) DG set as Po back-up duri construction During Oper phase (Conn Ioad): During Oper phase (Conn Ioad): Transformer DG set as Po back-up duri operation ph Fuel used: Details of hig tension line through the any:	wer ng phase ation ected ation nd wer ng phase ation ected ation nd	A C/C Dista NA 47.E1 NA 47.E1 MSEDCL NA NA Existing Co KVA, Total-1 Existing Ma 10,000KVA Existing (2 12000 KVA Existing 1 LDO NA	s species nce nergy nergy nnected Load 14990 KVA aximum Dem, 7 Total - 1499 Nos) of capa no. of 250 KV	to be pla	Area m2 NA NA NA , Proposed Connected Load -10,000 /A, Proposed Maximum Demand - VA & 750KVA, Proposed (1 No) of d 1 no. of 250 KVA

approximation			Signature:
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Use of Sola	Use of Solar Energy										
		4	19.Detail cal	l <b>cula</b> t	tions &	& % of s	aving:				
Serial Number	E	Energy Con	servation Measu	ires				Savi	ng %		
1		Use of Solar Energy						N	JA		
		50	).Details of j	pollu	tion c	ontrol S	ystem	5			
Source	Ех	isting poll	ution control sy	stem		Proposed to be installed					
Water	<b>D</b>	Septic	tank & soak Pit			D i	Sept	ic tanl	« & soak Pit		
Air	Proper stat	ck height is system w	ith Dust Collector	me Extr r	raction	Proper sta	ck height dust coll	ector v	Fume extra will be provi	ction system & ided	
Noise		Acous	tic enclosures.				Aco	ustic e	enclosures.		
Solid Waste		Separa	te Storage Area				Sepa	rate S	torage Area	l	
Budgetary (Capital	allocation cost and	Capital c	<b>ost:</b> 10								
Ó&M	cost):	0 & M co	st: 2								
51	.Envir	onmen	tal Manag	gem	ent p	olan Bu	<u>udget</u>	ary	Alloca	ation	
		a)	Constructio	on ph	ase (v	vith Bre	ak-up)	:			
Serial Number	Attri	butes	Paramet	er		Total	Cost per	annu	m (Rs. In I	lacs)	
1	Enviro Monito Manag	onment ring and gement	NA					1			
	b) Operation Phase (with Break-up):										
Serial Number	Comp	oonent	Descripti	on	Сарі	ital cost Rs Lacs	. In C	)pera C	perational and Maintenance cost (Rs. in Lacs/yr)		
1	Air Po	ollution	Air Pollution C measures su provision of S other APC me	Control ch as tack & asures		70				15	
2	Water I	Pollution	septic tank & s	soak pit		NA			NA		
3	Noise I	Pollution	Noise Pollu Control measu Acoustic enclo Earmuff, Earg required	tion ures as sures& plug if l		2 0.50					
4	Enviro Monito Manag	onment ring and gement	Environme Monitoring Manageme	ent and ent		-			1		
5	Occupatio	onal Health	Occupational H Safety meas	lealth & sures	Ľ.	5			1.5		
6	Gree	n Belt	Green Be Developme	elt ent		5			2		
7	Rain	Water	Rain Water Hai	rvesting	ſ	5			0.5		
8	Solid	waste	Solid was manageme	te ent		2			0.5		
9	Energy Co	onservation	Use of Solar E	Energy		10			2		
51.S	torage	of che	emicals (in S	nflaı ubst	mabl ance	e/expl s)	osive	/haz	zardou	s/toxic	
Descri	ption	Status	Location	Location St Ca		ige City IT IT Maximum Quantity of Storage at any point of time in MT		nsumption Month in MT		Means of transportation	
NA	ł	NA	NA		NA	NA	NA		NA	NA	
			52.Any	Othe	er Info	rmation	1				
No Informa	tion Availab	le									
										<u>^</u>	

agenerations			Signature: Name: Dr. Umakant Gangatrao Dangat
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	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:	NA
	Total Parking area:	2360.28
	Area per car:	NA
	Area per car:	NA
Parking details:	Number of 2- Wheelers as approved by competent authority:	NA
	Number of 4- Wheelers as approved by competent authority:	NA
	Public Transport:	Nearest Road=Alandi-Markal Road at 0.95 Km
	Width of all Internal roads (m):	internal roads of 9 m & 15 m as per requirement
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	3 (a)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	01-01-1900
	<b>Brief informa</b>	tion of the project by SEAC
PP submitted their appl existing unit. PP presen	ication for the grant of T ted draft TOR based on s	OR under category 3(a)B1 as per EIA Notification, 2006 for expansion of tandard TOR issued by MoEF & CC published in April, 2015.
Public hearing is applic	able.	

# DECISION OF SEAC

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

#### **Specific Conditions by SEAC:**

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

- 2) PP proposes water supply by tankers; PP to submit their plan for sustained water supply.3) PP to submit design details of cooling tower including blow down quantity of water.
- 4) PP to provide sewage treatment plant for the treatment of domestic sewage.
- 5) PP to submit details of rain water harvesting plan in the EIA report.
  6) PP to collect water sample from upstream and downstream of the Indrayani river and include the same in EIA report. 7) PP to include heavy metal parameters in the soil sample and submit analysis report.
- 8) PP to submit stability certificate of the earlier buildings.
- 9) PP to ensure 33% green coverage within the plant premises.

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

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

## FINAL RECOMMENDATION

stillered to p. nered. The Committee decided to Grant ToR subject to the above observations, PP requested to prepare and submit EIA report

agen of the ses Abhay Pimparkar (Secretary SEAC-I)

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# SEAC-1 Meeting Agenda (Day 2)

		SEAC M	eeting nu	mber: 139 Meeting Date	June 30, 2017				
Subject: Er	vironment (	Clearance for	r Industrial F	Project- Synthetic Organic Che	mical Industry				
<b>General I</b> Pune- 411	<b>nformatio</b> 008,	on: Venue:	CSIR- National Chemical Laboratory (NCL)Guesthouse, Pashan Road,						
1.Name of P	roject		M/s Jain Research Laboratories Pvt Ltd.						
2.Type of ins	titution		Private						
3.Name of P	r <mark>oject Propo</mark> r	nent	Mr. Babulal Jain						
4.Name of C	onsultant		SGM Enviro (	(I) Pvt Ltd, Pune					
5.Type of pro	oject		Industrial Project- Synthetic Organic Chemical Industry						
6.New project project/mode in existing p	et/expansion ernization/di roject	in existing versification	New project						
7.If expansion/diversification, whether environmental clearance has been obtained for existing project			Not applicable						
8.Location o	f the project		Plot No A-87 Maharashtra	7/1, MIDC Kurkumbh , Village- Kur	kumbh, Tehsil- Daund, District- Pune,				
9.Taluka			Daund						
10.Village			Kurkumbh	Kurkumbh					
11.Area of th	ie project		Industrial Are	ea (MIDC Kurkumbh)					
12.IOD/IOA/Concession/Plan		MIDC plot possession letter has been obtained IOD/IOA/Concession/Plan Approval Number: NA							
Approval Number		Approved Built-up Area: 8000							
13.Note on t applicable)	he initiated v	work (If	NA						
14.LOI / NOO Other approv	C / IOD from vals (If appli	MHADA/ cable)	NA						
<b>15.Total Plot</b>	t Area (sq. m	.)	10,675						
16.Deduction	15		Not applicabl	e					
17.Net Plot a	irea		Not applicabl	e					
10 D		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.): 8000						
19.Total gro	und coverage	e (m2)	Not applicable						
20.Ground-c (Note: Perce to sky)	overage Pero ntage of plot	centage (%) t not open	Not applicable						
21.Estimated	l cost of the	project	15000000						
	2	$\frac{1}{2}$ Num	per of buildings & its configuration						
Corrigi		2.14 um		Junungs & its co					
number	Buildin	g Name & 1	number	Number of floors	Height of the building (Mtrs)				
1	1	ot applicabl	e	Not applicable	Not applicable				
2	N	lot applicabl	е	Not applicable	Not applicable				
23.Number tenants and	r of d shops	8 Quarters	will be provided for the workers						
24.Number expected re users	esidents /	16							
25.Tenant per hectar	density e	Not applica	ble						
26.Height building(s)	of the								
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)									

age of the set		D 00	Signature:
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29.Existing structure (s) if any       Not applicable         30.Details of the demolition with disposal (If applicable)       Existing temporary shed will be cleared and the solid waste generated will be dealer.         Serial Number       Product       Existing (MT/M)       Proposed (MT/M)       Total         1       Baclofen       0       1         2       Pregabalin       0       5         3       Dipyridamole       0       1	sent to authorized (MT/M) 1 5 1 1 1 1 1 1 1
30.Details of the demolition with disposal (If applicable)Existing temporary shed will be cleared and the solid waste generated will be dealer.Serial NumberProductExisting (MT/M)Proposed (MT/M)1Baclofen012Pregabalin053Dipyridamole01	sent to authorized (MT/M) 1 5 1 1 1 1 1 1
Serial NumberProductExisting (MT/M)Proposed (MT/M)Total1Baclofen012Pregabalin053Dipyridamole01	(MT/M) 1 5 1 1 1 1
Serial NumberProductExisting (MT/M)Proposed (MT/M)Total1Baclofen012Pregabalin053Dipyridamole01	(MT/M) 1 5 1 1 1 1 1
1         Baclofen         0         1           2         Pregabalin         0         5           3         Dipyridamole         0         1	1 5 1 1 1
2Pregabalin053Dipyridamole01	5 1 1 1
3 Dipyridamole 0 1	1 1
	1
4 Triamterene 0 1	1
5 Hydralazine 0 1	
6 Verapamil 0 1	1
7 valproic acid Sodium 0 2	2
8 Amiloride 0 1	1
9 Metoprolol Tartrate 0 4	4
10Labetalol Hydrochloride00.5	0.5
11Betaxolol Hydrochloride00.250	).25
12 Sotalol Hydrochloride 0 0.5	0.5
13 Timolol maleate 0 0.25 0	).25
14 Carvedilol 0 2	2
15 Guaiphenesin 0 5	5
16 Methocarbamole 0 2	2
17 Chlorophensin 0 4	4
18 Chlorophensin 0 2	2
19 Mephensin 0 2	2
20 Dithranol 0 0.2	0.2
21 Clotrimazole 0 5	5
22 Allopurinol 0 2	2
23 Domperidone 0 2	2
24Cyclopropylamine025	25
25 R-Epichlorohydrine and its delivatives 0 10	10
26Formamidine Acetate05	5
27 CARBOXYLIC ACIDS, ANHYDRIDES, DERIVATIVES such as Dimethyl Acrylic Acid, Glutaric Acid ,Suberic Acid,3-Hydroxy Glutaric Acid,Pimelic Acid,Methyl Succinic Acid,Phenyl Succinic Acid	20

age or averes			Signature: Name: Dr. Umzkant Gangetreo Dangat
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28 UV Curing Agents based on Substituted Barbuturates/ Triphenyl Trifalte / Ketone		0		2	2				
29 SYNTH FRAGRANC Benzyl Acet derivative carbon Cyclopenta its Derivati C16 Cyclie		HETIC CES such as tone and its es, Cyclic nates, anone and ives ,C5- to c Ketones	(	)	40	40			
30	30 Byproduct- Ammonium Sulphate		0		10	10			
31 Byproduct- Ammonium Chloride		(	)	7	7				
32	Byproduc Sulp	t- Sodium hate	(	)	8	8			
33	Bypro Potaissun	oduct- nSulphate	(	)	2	2			
34	Sodium	Nitrite	(	)	1	1			
32.Total Water Requirement									
		Source of	water	MIDC					
		Fresh wate	er (CMD):	107.7 CMD					
Dry season:		Recycled v Flushing (	vater - CMD):	9.3 CMD	CMD				
		Recycled water - Gardening (CMD):		5					
		Swimming pool make up (Cum):		Not applicable					
		Total Wate Requireme :	er ent (CMD)	117.00 CM	117.00 CMD				
		Fire fighting - Underground water tank(CMD):		(ground Level water tank= 200 m3)					
		Fire fighting - Overhead water tank(CMD):		25 m3					
		Excess tre	ated water	Treated wa	ter from ETP will be sent	to CETP			
		Source of	water	MIDC					
		Fresh wate	er (CMD):	107.7 CMD					
		Recycled v Flushing (	vater - CMD):	9.3 CMD					
	~	Recycled v Gardening	vater - (CMD):	5					
	CV	Swimming make up (	pool Cum):	Not applica	ble				
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	117.00 CM	D				
		Fire fighti Undergrou tank(CMD	ng - ind water ):	(ground Le	d Level water tank = 200 m3)				
		Fire fighti Overhead tank(CMD	ng - water ):	25 m3	5 m3				
		Excess tre	ated water	Treated wa	ter from ETP will be sent	to CETP			
Details of pool (If an	Swimming y)	Not applica	ble						
		0	Data:	a of Toto	1 water concurrent	1			

### 33.Details of Total water consumed

a good aress			Signature:
CCC P			Name: Dr. Umakant Gaugatrao Dangat
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Particula rs		Consumption (CMD)	)		Loss (CMD) Effluent (				uent (CMD	)		
Water Require ment	Existing	Proposed		Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	0	7		7	0	1	1	0	6	6		
Industrial Process	0	Industrial Processes=4 Floor washing=10	+ 0	50	0	18	18	0	32	32		
Cooling tower & thermopa ck	0	Cooling Tower=25 + Boil	50	0	49	49	0	1	1			
Gardening	0	10		10	0	10	10	0	0	0		
			1									
		Level of the Ground water table:	80-90 m									
		Size and no of RWH tank(s) and Quantity:	The rainwater harvesting structure will be decided during detailed engineering of the project.							d		
		Location of the RWH tank(s):	Not Applicable									
34.Rain V	Nater	Quantity of recharge pits:	The rainwater harvesting structure will be decided during detailed engineering of the project.									
(RWH)		Size of recharge pits	Not Applicable									
		Budgetary allocation (Capital cost) :	5 Lac									
		Budgetary allocation (O & M cost) :	0.5 Lac									
		Details of UGT tanks if any :	NA									
		Natural water drainage pattern:	Natural water drainage pattern:         Through MIDC drain									
35.Storm drainage	water	Quantity of storm water:	10 Cu	m/sec								
		Size of SWD:	300 x	300 mm	1							
		Sewage generation in KLD:	6 Primary + Secondary									
		STP technology:	Prima	ry + Se	condary							
Sowage and		(CMD):	1 STP OF ISCMD capacity									
Waste w	ater	Location & area of the STP:	On Ground									
	Budgetary allocation (Capital cost):		5 Lac									
		Budgetary allocation (O & M cost):	2.0 La	2.0 Lac								
		36.Soli	d wa	ste	Mana	gemen	t					
Waste gen	eration in	Waste generation:	Munic compo	ipal wa sted an	ste shall be Id non-biod	e segregated legradable v	l. The b vaste se	iodegradal end to auth	ole waste wi orized deale	ll be er.		
and Constr phase:	ruction	Disposal of the construction waste debris:	Waste	aste will be sent to Authorized vendors								
		Dry waste:	i. Plas Scrap	tic Drur =0.5 M	ns ii. MS d I/M, Gunny	rums iii. Par y Bags= 0.5	oer Dru MT/M	ms = 100 l	Nos/month E	Each,		
		Wet waste:	NA			-						
Waste ge	neration	Hazardous waste:	Spent MT/M	Carbon , Waste	/ Organic Oil,Oil soa	solid Waste ked Cotton	= 5 MT And oth	/M, Distilla her Solid w	tion residue aste= 0.5 M	= 2 T/M		
Phase:		Biomedical waste (If applicable):	NA									
		STP Sludge (Dry sludge):	0.15 T	PM								
		Others if any:	NA									

		Dry waste:		Municipal v composted	waste shall b and non-biod	d. The biodegradable waste will be waste send to authorized dealer.				
		Wet waste:		NA						
Madaafi	Diamagal	Hazardous	waste:	Hazardous waste produced will be sent to CHWTSDF						
of waste:		Biomedical waste (If applicable):		NA						
		STP Sludg sludge):	e (Dry	STP sludge will be used as manure						
		Others if a	ny:	NA						
		Location(s	):	Not Applica	able					
Area requirement:		Area for the storage of waste & other material:		Not Applicable						
		Area for m	achinery:	Not Applica	able					
Budgetary	allocation	Capital cos	st:	Not Applica	able					
O&M cost)	:	0 & M cos	st: Not Appl		able					
37.Effluent Charecterestics										
Serial Number	Paran	neters	Unit	Inlet E Charect	affluent terestics	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)		
1	1 pH		-	4-9		5.5-8.5		5.5-8.5		
2	BC	)D	Mg/lit	<2000		<2000 mg/lit		<100 mg/l		
3	CC	DD	Mg/lit	<6000		<6000 mg/lit		<250 mg/l		
4	TS	SS	Mg/lit	<2000		<1000 mg/lit		<100 mg/		
5	TI	DS	Mig/IIL <4000 <4000 <2100 mg/l							
Amount of e (CMD):	effluent gene	eration	33 CMD			9				
Capacity of	the ETP:		ETP Capaci	ty -25 CMD	MEE capacit	y 15 CMD				
Amount of t recycled :	reated efflue	ent	9.3 CMD							
Amount of v	vater send to	o the CETP:	21.3 CMD		<b>y</b>					
Membershi	p of CETP (if	require):	Yes. Applie	d for Membe	ership of CEI	'P from MID(	C, Kurkumbh	1		
Note on ET.	P technology	to be used	Primary Tre	This is the provided. TTP Sludge from the clarifiers shall be released periodically into Sludge Drving						
Disposal of	the ETP sluc	lge	Beds and ca	Beds and cakes to be disposed off to CHWTSDF site.						
			<b>38.Ha</b>	zardous	Waste D	etails				
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	Spent C Organic se	Carbon / olid Waste	18.2	MT/M	0	5.00	5.00	CHWTSDF		
2	Distillatio	n residue	20.3	MT/M	0	2.00	2.00	CHWTSDF		
3	Waste Oil, Cotton And wa	Oil soaked other Solid ste	5.2	MT/M	0	0.5	0.5	CHWTSDF		
			<b>39.S</b> t	tacks em	ission D	etails				
Serial Number	Section	& units	Fuel Us Qua	ed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	2 No of E tones per tones p	Boilers- 1 hour + 4 er hour	Coal or A Chips-20	gro Waste ) MT/Day	1	30	0.75	220 - 240		
2	Thermic Fl 3 Lac	uid Heater Kcl/hr	FO/ LDO Da	- 500 Kg / ay	2	30	0.4	250 - 260		
3	2 Nos of I 100 KVA 8	DG sets of & 250 KVA	HS	SD	3	2.5 Above Roof	0.15	70		
40.Details of Fuel to be used										

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---	------------	---								
Serial Number	Тур	oe of Fuel		Existing	Proposed	Total				
------------------	------------------	---	---------------	-------------------	----------------	---	--	--	--	--
1	Coal or A	gro Waste Chi	ips	00	20 MT/Day	20 MT/Day				
2	F	FO/ LDO		00 0.5 MT/D		0.5 MT/Day 0.5 MT/Day				
41.Source of	of Fuel		Loca	l Vendor						
42.Mode of	Transportat	ion of fuel to a	site By R	oad						
		Total RG ar	'ea:	1212 sq. m						
		No of trees :	to be cut	00						
43.Gree	n Belt	Number of be planted	trees to :	100						
Develop	ment	List of prop native trees	osed 5:	Refer Pt no. (vi)	below					
		Timeline fo completion plantation	r of	Approximately 1	Year					
	<b>44.Nu</b>	mber and	list of	trees species	s to be plante	d in the ground				
Serial Number	Name of	the plant	Comme	on Name	Quantity	Characteristics & ecological importance				
1	Ficus r	eligiosa	Peep	al Tree	8	Deciduous, Evergreen , used as traditional medicine				
2	Azadirac	hta indica	N	eem	10	Evergreen, Native, Non-flowering				
3	Mangife	ra Indica	Ma	ango	8	Evergreen, long lived , Native.				
4	Deloni	x regia	Gulı	nohar	9	Flowering plant,Ornamental tree.				
5	Peltop pteroc	horum arpum	Yellow	Gulmohar	8	Deciduous treewith orange-yellow fragrant flowers, Ornamental tree,				
6	Cassia	fistula	Ba	hava	9	Native, Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant				
7	Bauhinia	racemosa	А	pta	10	Native, Small tree with small white flowers, Butterfly host plant				
8	Butea mo	nosperma	Flam	le tree	9	Native, Medium sized deciduous tree. Beautiful orange flowers, Butterfly host plant				
9	Pithecellob	oium saman	Rain	n tree	10	Fast-growing, Flowering tree				
10	Pongami	a pinnata	Ka	ranj	10	Deciduous, Native, Flowering				
11	Caryot	a urens	Fish T	ail palm	9	Native, Tall evergreen tree				
45	5.Total qua	ntity of plant	ts on grou	nd						
<b>46.Num</b>	ıber and	list of sh	rubs ar	d bushes sp	ecies to be pl	anted in the podium RG:				
Serial Number		Name		C/C Distance		Area m2				
1		NA		NA		NA				
	C			47.Enei	gy					



		Source of supply :	f power	The source	of pow	er is MSEB			
Power requirement:		During ( Phase: (I Load)	Construction Demand	25 KVA					
		DG set a back-up construc	s Power during tion phase	No					
		During ( phase (C load):	peration onnected	500 KVA					
		During ( phase (D load):	peration emand	350 KVA					
		Transfor	mer:	500 KVA					
		DG set a back-up operatio	s Power during n phase:	Two DG set of power fai	having ilure	g 100 KVA &	250 KV	VA ca	pacities will be used in case
		Fuel use	d:	HSD					
		Details o tension l through any:	f high ine passing the plot if	NA					20
		<b>48.</b> Er	ergy savi	ng by noi	n-co	nvention	al me	etho	od:
Energy Con 1.LEDs : 2. Solar Net 3. Variable 4. STAR RA 5. IE2 / IE 3 6. Extra Thi 7. Dense Piu	servation M t-Metering : Frequency I TED HT TRA to the transference ck Aramace peline Insula	ethods 100 KW Drive (VFD ANSFORM Il Insulatio ation by pir	ER n on Chilled bi	rine Lines / B	Brine C	hiller	2		
		toron by pr	49.Detail	calculati	ons	& % of s	aving	•	
Serial Number	Energy Conservation Measures Saving %					aving %			
1			LEDs	750 kwH/Month			xwH/Month		
2		Sola	r Net-Metering	12000 KwH/ Month					
3	1. Variable HT TRA Aramacel	e Frequenc NSFORME l Insulatior	cy Drive (VFD) R 3. IE2 / IE 3 on Chilled br Chiller	2. STAR RATED 4. Extra Thick ine Lines / Brine Energy Conservation by 7 %			nservation by 7 %		
4	Dense	e Pipeline 1	nsulation by p	ipe sections			Energy	у Соі	nservation by 5 %
		5	0.Details	of polluti	ion c	ontrol S	ysten	ns	
Source	Ex	isting pol	lution contro	ol system			Prop	osed	to be installed
Water			NA	ETP/ STP			TP/ STP		
Air			NA			Adequ	late Sta	ck He	eight as per CPCB norms
Noise			NA				Ac	coust	ic Enclosures
Solid waste	5		NA				Sent	to au	thorized agency
Budgetary (Capital	allocation cost and	Capital o	ost:	95 Lacs					
0&M	cost):	0 & M co	ost:	2.5 Lacs per	r Annu	m			
51	.Enviro	onmer	<u>ital Mar</u>	nageme	nt j	<u>olan Bı</u>	<u>ıdge</u>	etai	ry Allocation
		a	) Constru	ction pha	se (	with Bre	ak-up	):	
Serial Number	Attri	butes	Para	meter		Total (	Cost pe	r an	num (Rs. In Lacs)
1	Occupatio	nal Health	N	IA				1	
			b) Operat	ion Phas	<b>e (w</b> i	ith Breal	k-up):	•	
Serial Number	Comp	onent	Descr	iption	Сар	ital cost Rs Lacs	. In	Ope	rational and Maintenance cost (Rs. in Lacs/yr)
Abhay Pimparkar (Secretary SEAC-I)				o: 139 Meetir 2017	ng Data	e: June 30,	Page	e 38 f 88	Signature: Name: Dr. Umakant Gangatzeo Dangat Dr. Umakant Dangat (Chairman SEAC-I)

1	Air P	ollution	Air Polluti Measures per CPC	ion Cont s- Stack a CB norms	rol as S	16.0			0.50/	Y
2	Water	Pollution	Water I Control I ETP, STP	Pollution Measures , MEE e	s- tc	80.0			32.00/	Y
3	Noise	Noise Pollution Noise Poll Contr				2.0			0.50	
4	Envir Monite Mana	conment oring and agement	Enviro Monito Manao	onment ring and gement		-		1.00		
5	Occupati	onal Health	Occupatio	onal Heal	lth	5.0			0.5	
6	Gre	en Belt	Gree Develo	n Belt opment		5.0			2.00	
7	Rain Wate	er Harvestir	g Rain Water	Harves	ting	5.0			0.5	
8	Solio mana	d waste igement	Solid manag	waste gement		10.0			0.5	¥
9	Energy C	onservatio	Energy Co Mea	onservati sures	ion	95.0			2.5	
51.S	torage	e of ch	emicals	(infl sub	lamah stanc	es)	osiv	/haz	zardou	s/toxic
Descri	Description		Locatio	n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Cons / Mo	umption onth in MT	Source of Supply	Means of transportation
Separate facility in th	Storage le industry	NA	Confined Ste	Confined Storage		80 MT	80 MT 5		Local Vendor	By Road
	- 1		52.A	ny Ot	her Inf	formatio	n		1	
No Informa	tion Availa	ble				, ,				
		27 61	53.	Traffi	<u>c Mana</u>	agement				
		to the m design o confluer	ain road & f ice:	NA						
		Number basemer	and area of nt:	NA						
		Number podia:	and area of	NA						
		Total Pa	rking area:	325 sq	m					
		Area per	car:	NA						
	1	Area per	car:	NA						
Parking	details:	Wheeler approve compete authorit	s as d by ent y:	NA						
	•	Number Wheeler approve compete authorit	of 4- s as d by ent y:	NA						
		Public T	ransport:	Neares	t Road- N	H- 9 (1 km in	South	-West dir	rection)	
		Width or roads (n	f all Internal 1):	6 m						
		CRZ/ RR obtain, i	Z clearance f 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)
Court cases pending if any	NA
Other Relevant Informations	No
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 draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.

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

#### ECISION ()F SEA

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

#### **Specific Conditions by SEAC:**

1) PP to provide road width of six meters around all manufacturing units and hazardous storage units having turning radius of nine meters.

2) PP to provide 33% green coverage.

SEA

3) PP to include product wise list of raw material and its quantity to be used in the EIA report.

4) PP to submit HAZOP and QRA report along with EIA report for individual product and its stages. This shall include spillage and leakage control protocols, procedures and mitigation measures.
5) PP to submit copies of On Site and Off Site Emergency plan.

6) PP to include details of handling of byproducts like reuse, disposal, sale to authorized vendor etc.

7) PP to submit copy of membership and permissions obtained from CETP for disposal of effluent. 8) PP to include detailed product wise material balance in the EIA report with quantities.

## 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.



			SEAC-1	Meeting Agenda (I	Day 2)			
		SEAC M	eeting nu	mber: 139 Meeting D	ate June 3	0, 2017		
Subject: Er	vironment (	Clearance for	r RPG Life Se	ciences Ltd., Plot No- 25/25	5A, TTC MII	DC, Pawne, Navi Mumbai 400703		
<b>General I</b> Pune- 411	<b>nformatio</b> 008,	on: Venue:	CSIR- Nat	ional Chemical Laborat	tory (NCL)	Guesthouse, Pashan Road,		
1.Name of P	roject		Modernizatio Ingredients (.	n with change in product mix f API)	for manufactu	ring of Active Pharmaceutical		
2.Type of ins	titution		Private					
3.Name of P	roject Propo	nent	Mr. Vinod S. Narkhede (Assistant General Manager - EHS)					
4.Name of C	onsultant		Goldfinch En	gineering Systems Private Lim	nited			
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	Modernizatio	n with change in product mix		<u>^</u>		
7.If expansion whether environment has been obto project	on/diversifica ironmental c cained for exi	ition, clearance isting	NA					
8.Location o	f the project		Plot No- 25/2	5A, TTC MIDC, Pawne, Navi M	1umbai - 4007	03		
9.Taluka			Navi-Mumba	i				
10.Village			Pawne Villag	e				
11.Area of th	ne project		TTC MIDC, P	awne, Navi Mumbai				
12 100/104/	Concession/I	lan	NA					
Approval Nu	mber	-1dll	IOD/IOA/Concession/Plan Approval Number: NA					
			Approved Built-up Area: 9352					
13.Note on the initiated work (If applicable)			Nil					
14.LOI / NOO Other approv	C / IOD from vals (If appli	MHADA/ cable)	NA					
15.Total Plot	t Area (sq. m	.)	34483 Sq. m					
16.Deduction	ns		Not applicable					
17.Net Plot a	area		Not applicable					
10 Dropocod	Duilt up Are	A (FEL S.	a) FSI area (sq. m.): Not applicable					
Non-FSI)	Duilt-up Are		b) Non FSI area (sq. m.): Not applicable					
			c) Total BUA area (sq. m.):					
19.Total gro	und coverage	e (m2)	Not applicable					
20.Ground-c (Note: Perce to sky)	overage Pero ntage of plot	centage (%) t not open	Not applicable					
21.Estimated	l cost of the	project	811000000					
	2	2.Num	ber of l	ouildings & its	config	uration		
Serial number	Buildin	ig Name & i	umber	Number of floor	rs	Height of the building (Mtrs)		
1	Ν	Not applicabl	е	Not applicable		Not applicable		
23.Number tenants an	r of d shops	Not applica	ible					
24.Number expected re users	of esidents /	Not applica	ble					
25.Tenant per hectar	density e	Not applica	able					
26.Height building(s)	of the							
27.Right of (Width of t from the n station to t proposed b	f way he road earest fire he uilding(s)	9 m						

all the same the			Signature:
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28.Turning for easy ac fire tender movement around the excluding for the pla	g 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	.Details of the molition with sposal (If plicable)     Not applicable									
			31.Product	ion Details						
Serial Number	Pro	duct	Existing (MT/M)	Proposed (MT/M	I) Total (MT/M)					
1	A) Di	uretic	-	-						
2	1.Spironol	actone etc.	0.3333	Deleted	Deleted					
3	B) Anti-I	Psychotic	0.35	-						
4	1. Halope	eridol etc.	-	Continue	Continue					
5	2.Halo Decano	peridol bate etc	-	Continue	Continue					
6	3. Risper	idone etc.	-	Continue	Continue					
7	4. Olanza	apine etc.	-	Deleted	Deleted					
8	5. Aripipr	azole etc.	-	Deleted	Deleted					
9	6. Que Hemifum	tiapine arate etc.	-	Deleted	Deleted					
10	C) Anti-A cla	rrhythmic ss I	0.0125		-					
11	1. Disop Phosph	yramide ate etc.	-	Continue	Continue					
12	D) Anti	-Emetic	0.0100	-	-					
13	1. Dimenhy	drinate etc.	-	Deleted	Deleted					
14	E) Anti-D	iarrhoeal	1.000	-	-					
15	1. Dipheno et	xylate HCL c.		Continue	Continue					
16	F Immunosu	7) Ippressant	1,6667	-	-					
17	1. Azathio	prine etc.	-	Continue	Continue					
18	2. Mycop Mofet	bhenolate til etc.	-	Continue	Continue					
19	3. Mycor Sodiu	ohenolate m etc.	-	Continue	Continue					
20	4. Fingol	imod etc.	-	Deleted	Deleted					
21	G) Coll Bloc	inergic kers	0.1000	-	-					
22	1. Propa Bromi	ntheline de etc.	-	Continue	Continue					
23	H) Anth	elmentic	0.1667	-	-					
24	1. Quinfa	mide etc.	-	Continue	Continue					
25	I) A Thrombo Plat	inti- otic/Anti- celet	1.1250	-	-					
26	1. Clop Bisulph	idogrel ate etc.	-	Continue	Continue					
27	2. Clop Besyla	idogrel ite etc.	-	Continue	Continue					
28	3. Ticlopidi	ne HCL etc.	-	Continue	Continue					
29	J) Anti-C	onvusant	0.1250	-	-					
	Ares:				Signature:					

age of the set		
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21	K) Anti Depresent	-	Continue	Continue
31	1 Sortrolino HCL oto	0.0525	Continuo	Continuo
32	2. Eccitalonrom	-	Continue	Continue
33	oxalate etc.	-	Deleted	Deleted
34	L) Anti-Anginal	0.5000	-	-
35	1. Nicorandil etc.	-	Continue	Continue
36	2. Ivabradin HCL etc.	-	Deleted	Deleted
37	M) Anti-Alzheimer	0.0167	-	-
38	1. Donepezil etc.	-	Deleted	Deleted
39	N) Anti-Hypertensive	0.1250	-	-
40	1. Tolvaptan etc	-	Continue	Continue
41	2. Benidipine.HCl etc.	-	Continue	Continue
42	3. Solifenacin etc.	-	Continue	Continue
43	4. Irbesartan etc.	-	Deleted	Deleted
44	5. Lercanidipine HCL etc.	-	Deleted	Deleted
45	6. Eplirenone etc	-	Deleted	Deleted
46	7. Candisartan celextil etc.	-	Deleted	Deleted
47	8. Conivaptan etc	-	Deleted	Deleted
48	O) Anti-Migrane	0.0167	-	-
49	1. Eletriptan Etc.	-	Deleted	Deleted
50	P) Anti-Gout	0.0167	-	-
51	1. Febuxostat Etc.	-	Deleted	Deleted
52	Q) Anti-Obesity	0.0467	-	-
53	1. Orlistate Etc.	-	Deleted	Deleted
54	R) Anti-Viral	0.0167	-	-
55	1. Tamiflu Etc.	-	Deleted	Deleted
56	S) Anti-Ulcerant	0.2000	-	-
57	1. Pantaprazole Sequehydrate etc.		Continue	Continue
58	2. Lafutidine etc.	-	Deleted	Deleted
59	3. Pantaprazole Sodium etc	-	Added	Added
60	T) Anti- Hyperparathyroid	-	-	-
61	1. Cinacalcet.HCl etc.	-	Added	Added
62	TOTAL	5.88 MT/M	70.56 MTA	70.56 MTA
63	RPGLS shall manufacture any 15 products at a time on campaign basis.	-	-	-
64	After proposed change in product mix total production capacity will remain same, i.e. 5.88 TPM, however the production capacity will get change from Ton per month to Ton per Annum which will become 70.56 TPA.	-	-	-
	3	<b>2.Total Wate</b>	r <mark>Requiremen</mark>	t

# 32.10tal water kequirement

approverse			Signature: Name: Dr. Umakant Gangarao Dangat
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		Source of wa	ter	Not applical	ble							
		Fresh water	(CMD):	Not applical	ole							
Dry season:         Wet season:         Wet season:         Particula rs         Constant         Constant         Tomestic         70         Industrial Process         Cooling tower & thermopa ck         Gardening         60	Recycled wat Flushing (CM	er - 1D):	Not applicable									
	Recycled wat Gardening (C	er - CMD):	Not applicable									
	Swimming po make up (Cu	ool m):	Not applical	ole								
Dry seasor	1:	Total Water Requirement :	: (CMD)	Not applical	Not applicable							
		Fire fighting Underground tank(CMD):	- I water	Not applical	ble							
		Fire fighting Overhead wa tank(CMD):	- ter	Not applical	ble							
		Excess treate	ed water	Not applical	ble							
		Source of wa	ter	Not applical	ble							
		Fresh water	(CMD):	Not applical	ble							
		Recycled wat Flushing (CM	er - 1D):	Not applical	ole							
		Recycled water - Gardening (CMD):		Not applical	ble		5					
		Swimming pool make up (Cum):		Not applicable								
Wet seaso	n:	Total Water Requirement (CMD) :		Not applicable								
		Fire fighting - Underground water tank(CMD):		Not applical	ble							
		Fire fighting - Overhead water tank(CMD):		Not applicable								
		Excess treate	ed water	Not applical	ble							
Details of pool (If an	Swimming y)	Not applicable		7								
		33.	.Detail	s of Tota	l water co	nsume	d					
Particula rs	Cons	umption (CM	D)	I	Loss (CMD)		Effluent (CMD)					
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	70	0	70	10	0	10	60	0	60			
Industrial Process	160	0	160	52	0	52	108	0	108			
Cooling tower & thermopa ck	60	0	60	48	0	48	12	0	12			
Gardening	60	0	60	60	0	60	0	0	0			
Fresh water requireme nt	350	0	350	170	0	170	180	0	180			

	Level of the Ground water table:	NA
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
34.Rain Water	Quantity of recharge pits:	NA
Harvesting (RWH)	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	NA
	Budgetary allocation (O & M cost) :	NA
	Details of UGT tanks if any :	1) 15 KL - 3 Nos Petroleum Class "A" - Bulk Petroleum Storage 2) 7 KL - 3 Nos Petroleum Class "A" - Bulk Petroleum Storage 3) 400 KL - 1 Nos MIDC Water & Fire Water - Fire water & Water Storage tank
	Natural water drainage pattern:	Proper and separate storm water drains available, as per natural slope.
35.Storm water drainage	Quantity of storm water:	NA
	Size of SWD:	NA
	0	
	in KLD:	60
	STP technology:	Sewage treated in septic tank and overflow pumped to aeration tank of ETP for combined treatment
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
	<b>36.Soli</b>	d waste Management
Waste generation in	Waste generation:	NA
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	NA
C S	Dry waste:	1) Paper, Wood, Plastic and Metals - 18 MTA, 2) Discarded, Detoxicated containers / Barrels (M.S./HDPE Drums 200 Ltrs. Cap.) - 684 Nos./A, 3) Garbage like Paper, Corrugated Boxes, Plastics, Fibre drums, Brooms, Wipers, Floor cleaning mops, Tea cups, disposable approns, head caps & shoe covers etc. 36 MTA.
Waste generation	Wet waste:	NA
in the operation	Hazardous waste:	644.960 MTA
Phase:	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA

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		Dry waste:		1) Sale to authorized party, 2) Reuse / Sale to authorized party, 3) Sale to authorized party respectively.						
		Wet waste	•	NA						
Mode of Disposal Hazard		Hazardous	waste:	<b>vaste:</b> 1) CHWTSDF, MWML, Taloja, 2) Returned to battery manufact through authorized dealer on buy back procurement, 3) Sale to authorized E-Waste dismanlers / Recyclers.						
of waste:		Biomedica applicable	l waste (If ):	NA						
		STP Sludg sludge):	e (Dry	NA						
		Others if a	ny:	NA						
		Location(s	):	Area of stora Hazardous &	ige of raw n No-hazard	aterials/prod ous Waste	lucts & Are	a of storage of		
Area requirem	ent:	Area for th of waste & material:	e storage other	1) storage of Hazardous &	raw materi No-hazard	als/products ous Waste - 3	- 2560 Sq. 1 324 Sq. m.	n , 2) storage of		
		Area for m	achinery:	1) Area used (Boilers, The STP) - 1576	for manufa rmopacks, o Sq.m.	cturing - 339 chimneys, D (	8 Sq. m, 2) G sets, Cool	Area used for utilities ing towers, ETP and		
Budgetary	allocation	Capital cos	st:	81.10 Crs.						
O&M cost	st and	0 & M cos	t:	1.622 Crs.						
			37.Ef	fluent Ch	arectere	estics				
Serial Number	Paran	neters	Unit	Inlet Ef Charecte	fluent restics	Outlet E Charecte	ffluent crestics	Effluent discharge standards (MPCB)		
1	Р	Н	-	8.0 - 1	0.0	7.5 -	8.0	5.5 to 9.0		
2	CC	DD	Mg/Lit.	7000 -	8000	100 -160		250		
3	BOD (3 day	rs at 27 OC)	Mg/Lit.	3000 -	4000	50 - 60		100		
4	TS	SS	Mg/Lit.	1500 - 2000		60 - 70		100		
5	TI	DS	Mg/Lit.	2000 - 3000		700 - 800		2100		
6	Oil & Oil	Grease	Mg/Lit.	0-8 < 10 10						
Amount of e (CMD):	effluent gene	eration	Trade Efflu	ent: 120 CMD	; Domestic	: 60 CMD				
Capacity of	the ETP:		200 CMD							
Amount of t recycled :	reated efflue	ent	Nil							
Amount of v	water send to	o the CETP:	200 CMD							
Membershi	p of CETP (if	f require):	Yes							
Note on ET	P technology	to be used	Convention effluent ser	1al ETP having Primary, Secondary and Tertiary treatment and treated nt to TBIA CETP.						
Disposal of	the ETP sluc	lge	CHWTSDF,	MWML, Talo	ja					
			38.Ha	zardous	Waste D	etails				
Serial Number	Desc	ription	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	Sludge	& Filters ated with oil	3.3	MT/A	5.4	0	5.4	CHWTSDF, Taloja		
2	Used /	Spent Oil	5.1	MT/A	1.44	0	1.44	Sale to authorized recyclers / CHWTSDF, Taloja		
3	Distillatio	on Residue	20.3	MT/A	5.4	0	5.4	CHWTSDF, Taloja		
4	Residue	& Wastes*	28.1	MT/A	134.4	0	134.4	Sale to authorized recyclers / CHWTSDF, Taloja		
5	Spent	Catalyst	28.2	MT/A	8.0	0	8.0	CHWTSDF, Taloja		
6	Spent	Carbon	28.3	MT/A	22.0	0	22.0	CHWTSDF, Taloja		
7	Off Spe pro	cífication ducts	28.4	MT/A	2.88	0	2.88	CHWTSDF, Taloja		
8	Date expir	red products	28.5	MT/A	0.72	0	0.72	CHWTSDF, Taloja		

2-00 mars			Signature:
C466			Name: Dr. Umakant Gangetreo Dangat
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				_						
9	Spent Solvents	28	8.6	MT/A	3	84.0	4.0 0		4.0	Reuse / Sale to MPCB authorized party / CHWTSDF, Taloja
10	Empty Barrels/Containers/Liners contaminated with Hazardous Chemicals/Wastes	33	3.1	MT/A	2	24.0	0	24	.0	Reuse / Sale to MPCB authorized party / CHWTSDF, Taloja
11	Spent Ion Exchange resir containing toxic metals	<sup>1</sup> 35	5.2	MT/A	0	).36	0	0.	36	CHWTSDF, Taloja
12	Chemical sludge from waste water treatment	35	5.3	MT/A	БС	50.0	0	50	0.0	CHWTSDF, Taloja
13	Oil & Grease skimming residue	35	5.4	MT/A		4.8	0	4	.8	CHWTSDF, Taloja
14	Used Batteries		-	MT/A	0	.360	0	0.3	860	Returned to battery manufacturer through authorized dealer on buy back procurement
15	E-Waste		-	MT/A		1.2	0	1	.2	Sale to authorized E- Waste dismanlers / Recyclers.
16	Non Hazardous Wastes		-	-		-	-		-	-
17	Paper, Wood, Plastic and Metals	-		MT/A	1	.8.0	0	18	8.0	Sale to authorized party
18	Discarded, Detoxicated containers / Barrels (M.S./HDPE Drums 200 Ltrs. Cap.)	-		Nos./A	6	84.0	0	68	4.0	Reuse/Sale to authorized party
19	Garbage like Paper, Corrugated Boxes, Plastics, Fibre drums, Brooms, Wipers, Floor cleaning mops, Tea cups, disposable approns, head caps & shoe covers etc.		- M.			36	0	3	6	Sale to authorized party
		39	9.Sta	icks em	issic	n De	etails			
Serial Number	Section & units	Fue	el Use Quant	d with tity	Stac	k No.	Height from ground level (m)	Inter diam (n	rnal eter 1)	Temp. of Exhaust Gases
1	Existing Boiler	PNG	- 41.6	SCM/hr.		L	33.3	0.5	25	145 oC
2	As Optional Fuel for Existing Boiler	FO	- 41.6	Kg/hr.		-	-	-		-
3	Existing D G set	HSI	D - 104	Kg/hr.		L	10 M from ground	0.	2	40 oC
	C	40	.Deta	ails of F	uel	to be	e used			
Serial Number	Type of Fuel			Existing			Proposed			Total
1	PNG		41	.6 SCM/hr			0			41.6 SCM/hr.
2	FO (As Optional Fuel	)	4	1.6 Kg/hr.			0			41.6 Kg/hr.
3	HSD		1	104 Kg/hr.			0			104 Kg/hr.
41.Source	of Fuel	1	1) PNG	G - Mahanag	gar Ga	s Limi	ted, 2) FO &	HSD -	Local	Market
42.Mode of	Transportation of fuel to	site 1	1) PNG	G - Direct Pi	peline	, 2) By	r Road			



		Total RG a	rea :	12414 Sq.m					
		No of trees	s to be cut	Nil					
43.Green Belt	Number of be planted	trees to	Around 358	Around 3585 nos.					
Develop	ment	List of pro native tree	posed es :	Wad, Pimpa Gulmohor e	ıl, Kaduneem tc.	ı, Ashoka, Uı	mber, Kadamba, Suru, Nilgiri,		
		Timeline for completion plantation	or 1 of :	Trees and s	hrubs alread	y planted at	the site		
	44.Nu	mber and	l list of t	rees spe	cies to b	e <mark>plante</mark> o	l in the ground		
Serial Number	Name of	the plant	Commo	n Name	Quar	ntity	Characteristics & ecological importance		
1	N	A	N	A	N	А	NA		
45	.Total qua	ntity of plan	its on grou	nd					
46.Nun	nber and	list of sl	<u>ırubs an</u>	d bushes	species	to be pla	anted in the podium RG:		
Serial Number		Name		C/C Dista	nce		Area m2		
1		NA		NA			NA		
				<b>47.E</b>	iergy				
		Source of supply :	power	MSEDCL					
		During Co Phase: (De Load)	nstruction mand	NA					
		DG set as Power back-up during construction phase		NA					
_		During Op phase (Cor load):	eration mected	2975 KW	2975 KW				
Pov require	ver ement:	During Operation phase (Demand load):		Electric Sup where regu	oply of MSEI lar power su	OCL is availa pply from ar	ble through two different feeders ay of one is always available.		
		Transform	ansformer:		1) 500 KVA. 2) 500 KVA, 3) 1000 KVA				
		DG set as Power back-up during operation phase:		625 KVA					
		Fuel used:		HSD					
	~	Details of tension lin through th any:	high e passing le plot if	No					
		<b>48.Ene</b>	ergy savi	ng by no	n-conven	tional m	ethod:		
Nil	AA.								
	$\mathbf{C}$	4	9.Detail	calculati	ons & %	of saving	g:		
Serial Number	E	nergy Cons	ervation M	easures			Saving %		
1			NA				NA		
50.Details			of polluti	ion contr	ol Syste	ms			
Source	Ex	isting pollu	tion contro	l system		Pro	posed to be installed		
Air	By disper	rsal into atmo adequ	osphere thro late height.	ugh chimney	/ of		-		
Water	Conventi Tertiary tr	onal ETP hav reatment, tre	ring Primary ated effluen CETP	, secondary a t is being ser	and ht to		-		
Noise	Separate	room is prov KV	vided for exis A & PPE	sting D.G of 6	525		-		

2 and theres			Signature:
CEGA =			Name: Dr. Umakant Gangetree Dangat
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Solid Waste	Hazardou Taloja &	Hazardous waste is being dispose to CHWTSDF , Taloja & will be sold to MPCB authorized party.								
Budgetary	tary allocation Capital cost: 84.5 Lacs			84.5 Lacs						
(Capital cost and O&M cost): 0 & M cost:			12.2 Lacs							
51	Envir	nmen	tal M	lanageme	nt	nlan	Buda	etary A	llocat	ion
01		a)	Const	ruction pha	ise (	with I	Break-u	<u>otury 11</u> (p):	mocut	,1011
Serial Number	Attri	butes	Р	arameter		To	otal Cost p	per annum (1	Rs. In La	cs)
1	N	A		NA				Na		
		b	) Ope	ration Phas	e (w	ith Br	reak-up	):		
Serial Number	Comp	onent	D	escription	Сар	ital cos Lacs	st Rs. In	Operation cost	al and M (Rs. in La	aintenance acs/yr)
1	AIR POL CON	LUTION FROL		Scrubber		1			0.1	
2	WATER PO CON	DLLUTION ΓROL	Efflue	ent Treatment Plant 3		3			0.5	
3	NOISE PC CON	LLUTION FROL	Anti-V	Vibration Pads 0.25		0.25	5		0	
4	OCCUPA HEA	TIONAL LTH	1) Medical Check-up 2) Health Insurance Policy 3) Medical Staff charges 4) In-House First Aid Room 5) Other infrastructure and Equipment		2		1.5			
5	GREEN	I BELT		-		1		0.5		
6	HAZARDO STORA DISP	US WASTE AGE & OSAL	-		1.75		-			
7	То	tal		-		9			2.6	
51.S	torage	of che	mica	ls (inflan substa	nab	le/ex es)	plosiv	/e/haza	rdous	/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
(2-(2,3-Dichlo	orophenyl)-Guai	nidinoimino)	Solid	Ware house		0.5	0.4	0.1133	Local	By Road
(S)-methyl 2	2-(2-chloropheny	/l)-2-(6,7-di	Solid	Ware house		0.25	0.25	0.0292	Local	By Road
10% p	alladium on cha	ircoal	Solid	Ware house		0.01	0.005	0.0007	Local	By Road
2-chlorometh	vl-3.4-dimethox	e v pvri hvdro	Solid	Ware house		0.13	0.15	0.4898	Local	By Road
	2-furoic acid	J PJJ	Solid	Ware house		0.5	0.45	0.1292	Local	By Road
4 bromo 2-	-2 diphenyl buty	vro nitrite	Solid	Ware house		0.5	0.34	0.2395	Local	By Road
4-(2-4-Difluor	ro benzoyl oxim	e)-piprodine	Solid	Ware house		0.2	0.16	0.0800	Local	By Road
4-chloro phen	yl 4hydroxy pip	eridine(CPP)	Solid	Ware house		0.5	0.36	0.2129	Local	By Road
5-diflurometho	oxy-2-mercapto-	1h-benimidaz	Solid	Ware house		0.5	0.49	0.4803	Local	By Road
5Chloro1me	5Chloro1methyl1H-imidazole Nitrate		Solid	Ware house		0.2	0.14	0.0834	Local	By Road
/0 %	70 % sulphuric acid CP		Liquid	Tank Farm		0.2	0.2	0.0107	Local	By Road
A	Acetone	1	Limid	Tank Farm		22	9.98	9.2308	Local	By Road
	15 Acetonitrile		Liquid	Tank Farm		0.8	0.64	0.3333	Local	By Road
A	ctivated carbon		Solid	Ware house		0.4	0.36	0.3308	Local	By Road
Alpha acet	tyl gamma buty	rolactone	Liquid	Tank Farm		0.5	0.48	0.0800	Imported	By Ship
Ar	mino amide pur	e	Solid	Ware house		0.01	0.01	0.0008	Local	By Road
Am	imonium sulpha	te	Solid	Ware house		1.5	1.5	1.1625	Local	By Road
Cau	ıstic potash flak		Calid	Waro houso		0.5	0.4	0 1833	Local	By Road
Ca		es	Solia	ware nouse		0.5	0.4	0.1000	Looui	Dy Houd
Ca	ustic soda flake	es s	Solid	Ware house		0.5	1.2	0.5167	Local	By Road

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Caustic soda pallets	Solid	Ware house	0.1	0.1	0.0250	Local	By Road
Chloro fluoro butyrophenone(CFB)	Liquid	Tank Farm	0.5	0.36	0.1500	Local	By Road
Chloroform	Liguid	Tank Farm	2	2	0.9567	Local	By Road
Commercial Hydrogen cylinder	Gas	Shed	0.01	0.01	0.0041	Local	By Road
Commercial Nitrogen cylinder	Gas	Shed	0.015	0.012	0.0612	Local	By Road
Decanoic acid (N-capric acid)	Limid	Tank Farm	0.2	0.18	0.0300	Local	By Road
Denatured absolute alcohol (5% acetone)	Liquid	Tank Farm	10	10	2 5833	Local	By Road
Di-isopropyl amino ethyl chloride HCI	Solid	Ware house	0.15	0.135	0.0336	Local	By Road
Disbloro acetyl chloride	Liquid	Tonk Form	1	1	0.0000	Imported	Dy Rodu Dy Ship
Diction acetyr chior de	Liquid	Tank Farm	0.8	1	0.2003	Local	By Bood
Diethaloralinie	Liquid	Talik Falli Tank Falli	0.0	1.75	0.1373	Local	By Road
Dimethyl formomide	Liquid	Talik Falili Tank Farm	2 00	2.00	1.0202	Local	By Road
Ethel a setete	Liquiu	Talik Falli Tark Farm	2.09	2.09	2.0725	LUCdi	Dy Road
Ethylacetate	Liquia	Tank Farm	) 1	4.2	3.9725	Local	By Road
Fuming nitric acid	Liquid		1	0.645	0.2625	Local	By Road
Glycerine	Liquid	Tank Farm	2.5	2.5	1.0000	Local	By Road
Hexane	Liquid	Tank Farm	10	2.4	1.8000	Local	By Road
Hydrobromic acid (aqueous 48%)	Liquid	Tank Farm	5	4.8	2.1250	Local	By Road
Hydrochloric acid	Liquid	Tank Farm	2.5	2.07	4.4883	Local	By Road
Hyflo supercel (Celite)	Solid	Ware house	0.25	0.25	0.0868	Local	By Road
Hypoxanthine	Solid	Ware house	0.5	0.5	0.5000	Imported	By Ship
IS, CIS-Sertraline Mandelate	Solid	Ware house	0.4	0.4	0.1667	Local	By Road
Iso propyl alcohol	Liquid	Tank Farm	5	1.28	0.4000	Local	By Road
Isopropyl alcohol HCl solution (20%)	Liquid	Tank Farm	0.3	0.3	0.8500	Local	By Road
Isopropyl ether	Liquid	Tank Farm	5	3.8	1.6250	Local	By Road
Liquor ammonia	Liquid	Tank Farm	1	0.8	0.9667	Local	By Road
MCA Solution	Liquid	Tank Farm	0.025	0.025	0.0167	Local	By Road
Methanol	Liquid	Tank Farm	22	10.48	14.0993	Local	By Road
Methyl bromide pure	Gas	Shed	0.06	0.06	0.0350	Local	By Road
Methyl ethyl ketone	Liguid	Tank Farm	1.5	1.155	0.4533	Local	By Road
Methylene chloride	Liquid	Tank Farm	20	16.32	12.8025	Local	By Road
Mincare solution	Liquid	Tank Farm	0.02	0.02	0.0050	Local	By Road
Mono methylamine	Liquid	Tank Farm	. 2	1.87	1.0683	Local	By Road
Nicotinic acid	Solid	Ware house	0.2	0.2	0.0375	Local	By Road
Nitric acid LB grade	Limid	Tank Farm	0.6	0.6	0.3292	Local	By Road
P-chloro nitro henzene	Solid	Ware house	0.5	0.0	0.1875	Local	By Road
Para anisiding	Solid	Ware house	1	0.45	0.1075	Local	By Road
Para tolyono sylphonyl oblorido	Solid	Ware house	15	1.25	0.2417	Local	By Road
Phanul acatomitrila (Pangul Cuanida)	Liquid	Tonk Form	1.5	1.55	0.3373	Local	By Road
Phenyi acetonitrile (Denzyi Cyalilde)	Liquid	Talik Falili Tank Farm	0.2	0.04	0.1225	Local	By Road
Phosphorous oxychioride	Liquid	Talik Falili	0.2	0.2	0.0675	Local	Dy Road
Phosphorous pentachioride	Liquid	Tank Farm	3.5	3.30	2.3900	Local	By Road
Pyridine		lank Farm	3.5	3.15	2.0563	Local	By Road
Raney nickel	Solid	Ware House	0.1	0.09	0.0300	Local	By Road
Rec isopropyl ether	Liquid	Tank Farm	5	4.8	5.8242	Local	By Road
Recovered MDC	Liquid	Tank Farm	10	9	4.6619	Local	By Road
Recovered Toluene	Liquid	Tank Farm	10	4.5	2.5348	Local	By Road
Reprocess - 10% palladium on charcoal	Solid	Ware House	0.01	0.008	0.0014	Local	By Road
Sodium bi carbonate	Solid	Ware House	1.5	1.5	0.6667	Local	By Road
Sodium Borohydride	Solid	Ware House	2	2	0.1667	Local	By Road
Sodium Carbonate	Solid	Ware House	1.3	1.3	2.1750	Local	By Road
Sodium chloride	Solid	Ware House	1.1	1.1	0.3292	Local	By Road
Sodium hypochlorite	Liquid	Tank Farm	3	2.4	2.5850	Local	By Road
Sodium meta bi sulphite	Solid	Ware House	0.05	0.05	0.0125	Local	By Road
Sodium Sulphate	Solid	Ware House	1	1	0.6250	Local	By Road
Sodium thiosulphate	Solid	Ware House	0.2	0.2	0.0667	Local	By Road
Sulphuric acid CP	Liquid	Tank Farm	1.5	1.5	0.7458	Local	By Road
Sulphuric acid L.R.	Liquid	Tank Farm	1.7	1.7	1.9875	Local	By Road
Tetra butyl ammonium bromide	Solid	Ware House	0.2	0.2	0.0296	Local	By Road
Thionyl chloride	Liquid	Tank Farm	1.8	1.8	0.4750	Local	By Road
Toluene	Liquid	Tank Farm	22	4.87	6.8415	Local	By Road
Triethylamine	Liquid	Tank Farm	0.5	0.45	0.1500	Local	By Road
Trimethyl ortho formate	Liquid	Tank Farm	0.8	0.8	0.3333	Local	By Road
Ultra High Purity (UHP)Nitrogen Cylinder	Gas	Shed	0.005	0.005	0.0021	Local	By Road
							-

a proteines			Signature:
360 F			Name: Dr. Umakant Gangatrao Dangat
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Xanthalene-9-carboxylic (xar	nthanoic)acid Solid	Ware House   0.15   0.0338   Imported   By Ship						
	52.A	ny 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:	NA						
	Total Parking area:	4325 Sq.m.						
	Area per car:	NA						
	Area per car:	NA						
Parking details:	Number of 2- Wheelers as approved by competent authority:	NA						
	Number of 4- Wheelers as approved by competent authority:	NA						
	Public Transport:	NA						
	Width of all Internal roads (m):	9 m						
	CRZ/ RRZ clearance obtain, if any:	NA						
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA						
	Category as per schedule of EIA Notification sheet	5 (f) B						
	Court cases pending if any	NA						
	Other Relevant Informations	1) RPGLS shall manufacture any 15 products at a time on campaign basis.2) After proposed change in product mix total production capacity will remain same, i.e. 5.88 TPM, however the production capacity will get change from Ton per month to Ton per Annum which will become 70.56 TPA.						
	Have you previously submitted Application online on MOEF Website.	Yes						
9	Date of online submission	07-06-2017						
	<b>Brief informa</b>	tion of the project by SEAC						
PP submitted their appl existing unit. PP presen	ication for the grant of T ted draft TOR based on s	OR under category 5(f)B1 as per EIA Notification, 2006 for expansion of standard TOR issued by MoEF & CC published in April, 2015.						

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

PP informed that the proposal in only for modernization by additing two products and there will be no expansion.

# **DECISION OF SEAC**

agent averes			Signature: Name: Dr. Umakant Gangerrao Dangat
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Based on the presentation made by PP; committee decided to approve the TOR for the preparation of EIA report as per standard TOR and additional TOR points mentioned below.

#### **Specific Conditions by SEAC:**

1) PP to submit copies of all the consent obtained from the existence of the unit. PP to submit self certificate for not changing any product mix, quantity, pollution load from the existence of the unit and not violated any requirement of EIA Notification, 2006 and amendments thereof.

2) PP to submit detailed material balance along with quantities of raw materials, waste generation etc.

3) PP to submit list of spent catalyst to be generated on site, its quantity per batch, per year, and its treatment and disposal plan.

4) PP to include toxic and hazardous chemical handling protocol in the EIA report.
5) PP to include product wise, stage wise waste generation along with its name and quantity in the EIA report; PP also to add note on the methodology ado[ted to reduce the generation of hazardous waste and submit a report along with EIA report.

6) PP to provide 33% green belt as per National Forest Policy

7) PP to submit copies of HAZOP study, QRA and On Site/Off Site Emergency Plan.

### FINAL RECOMMENDATION

SHACAACHININA 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.

agen of the stor 1 Signature: Name: Dr. Umakant Gaugatrao Dangat Abhay Pimparkar (Secretary SEAC Meeting No: 139 Meeting Date: June 30, Dr. Umakant Dangat **Page 52** SEAC-I) 2017 of 88 (Chairman SEAC-I)

#### SEAC-1 Meeting Agenda (Day 2)

SEAC Meeting number: 139 Meeting Date June 30, 2017

Subject: Environment Clearance for Proposed expansion of Taloja CETP from 22.5 MLD to 27.5 MLD by Taloja CETP Coop Society Ltd

Pune- 411	nformatio 008,	on: venue:	CSIR- Nat	ional Chemical	Laboratory	(NCL)Guestnouse, Pasnan Road,			
1.Name of P	roject		Proposed exp Ltd	oansion of Taloja CET	TP from 22.5 MI	LD to 27.5 MLD by Taloja CETP Co-op Society			
2.Type of ins	titution		Private						
3.Name of P	roject Propo	nent	Mr. Sandeep	A. Dongare					
4.Name of C	onsultant		ABC Techno Belapur, Nav chaitanyasath	Labs India Pvt Ltd ; ( i Mumbai 400614 ; T ne@abctechnolab.com	Office Add: A-35 'el : 022-2758 0 m	55, Balaji Bhavan, Plot 42 A, Sect 11, CBD 044/55 ; Email ID:			
5.Type of pro	oject		Not applicabl	le					
6.New project/mode in existing p	ct/expansion ernization/di roject	in existing versification	Expansion/M	odernisation					
7.If expansion whether envelopment has been obto project	on/diversifica ironmental c cained for ex	ition, clearance isting	Not applicabl	le					
8.Location o	f the project		P-24 & G-8						
9.Taluka			Panvel						
10.Village			Taloja						
11.Area of th	ne project		MIDC Taloja		6				
			Not applicabl	le					
12.IOD/IOA/	Concession/H	Plan	IOD/IOA/Concession/Plan Approval Number: Not applicable						
Approvarivu	mper		Approved Built-up Area: 33038						
13.Note on t applicable)	he initiated	work (If	None						
14.LOI / NOO Other approv	C / IOD from vals (If appli	MHADA/ cable)	Not applicabl	le					
15.Total Plot	t Area (sq. m	ı.)	Not applicabl	le					
16.Deduction	ns		Not applicabl	le					
17.Net Plot a	area		Not applicabl	le					
		a) FSI area (sq. m.): Not applicable							
18.Proposed Non-FSI)	Built-up Are	ea (FSI &	b) Non FSI a	area (sq. m.): Not a	pplicable				
			c) Total BUA	A area (sq. m.):					
19.Total gro	und coverage	e (m2)	Not applicable						
20.Ground-c (Note: Perce to sky)	overage Pero ntage of plo	centage (%) t not open	Not applicable						
21.Estimated	l cost of the	project	250598956						
	2	2.Num	ber of l	ouildings	& its co	nfiguration			
Serial number	Buildin	ıg Name & 1	number	Number	of floors	Height of the building (Mtrs)			
1	Ν	Not applicabl	e	Not ap	plicable	Not applicable			
23.Number tenants an	c of d shops	Not applica	ble			· ·			
24.Number expected re users	c of esidents /	/ Not applicable							
25.Tenant per hectar	density e	Not applica	ble						
26.Height building(s)	of the								
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)									

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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	Existing CETP including Admin Block								
30.Details demolition disposal (I applicable)	of the with f	Not applica	ble							
	31.Production Details									
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)		Total (MT/M)			
1	Treated	Effluent	22.5	MLD	5 MLD		27.5 MLD			
		3	<u> 82.Tota</u>	<u>l Water</u>	<u>Requirement</u>	-				
		Source of	water	Not applicable	e		<u>A</u> Y			
		Fresh wate	er (CMD):	Not applicable	e					
		Recycled v Flushing (	vater - CMD):	Not applicable	e		<b>S</b>			
		Recycled v Gardening	vater - (CMD):	Not applicable	e					
		Swimming make up (	pool Cum):	Not applicable						
Dry season	1:	Total Water Requirement (CMD) :		Not applicable	e					
		Fire fighti Undergrou tank(CMD	ng - Ind water ):	Not applicable	e					
		Fire fighti Overhead tank(CMD	ng - water ):	Not applicable	e					
		Excess tre	ated water	Not applicable						
		Source of	water	Not applicable	e					
		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						
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	Not applicable	Not applicable					
	5	Fire fighti Undergrou tank(CMD	ng - Ind water ):	Not applicable	e					
		Fire fighti Overhead tank(CMD	ng - water ):	Not applicable	e					
	Excess treated water		Not applicable	e						
Details of spool (If an	Details of Swimming pool (If any) Not applicable									
		3	<b>B3.Detail</b>	s of Total	water consumed					
Particula rs		Consump	tion (CMD)		Loss (CMD)		Effluent (CMD)			



Water Require ment	1	Existing	Pro	posed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	The tota consum including 1	The total Existing water consumption is 15 CMD including 10 CMD of Domestic use.		0	10	2	0	2	8	0	8		
Industrial Process	The tota consumj including 10	l Existing water ption is 15 CMD 0 CMD of Domestic use.		5	5	0	0	0	0	0	0		
Gardening	The tota consum including 1	l Existing water ption is 15 CMD 0 CMD of Domestic use.		0	5	0	0	0	0	0	0		
		Level of the Grou water table:	nd	Not ap	plicabl	9							
		Size and no of RV tank(s) and Quantity:	VH	Not ap	plicabl	e							
24 Doin 1	Mator	Location of the R tank(s):	WH	In futu take p used f diverte	ire the p ipes and or proce ed to th	rainwater f d discharge essing plan e nearby st	from the roo ed into the c its and lands torm water o	f area v ollectio scaping lrain.	vill be carr n tank fror . The surfa	ied down by n where it w ce runoff wi	down vill be ll be		
Harvestir	ng	Quantity of recha	rge	Not an	plicable	<del>9</del>		5					
(RWH)	Size of recharge j	pits	Not ap	plicable	e								
	Budgetary allocat (Capital cost) :	Not ap	plicabl	e									
		Budgetary allocat (O & M cost) :	tion	Not applicable									
		Details of UGT ta if any :	nks	Not ar	plicabl	e							
		Natural water drainage pattern:		The storm water will have a natural flow and will be discharged into near by Storm Water Drain.									
35.Storm drainage	water	Quantity of storm water:											
		Size of SWD:	7	6m x 2	2m								
		Sewage generation in KLD:	n	8 m3/day of sewage will be generated									
		STP technology:		Sewage generated will be treated in the CETP itself.									
C anno ma		Capacity of STP (CMD):		Not applicable									
Waste w	ater	Location & area o the STP:	of	Not applicable									
		Budgetary allocat (Capital cost):	tion	Not applicable									
		Budgetary allocat (O & M cost):	tion	Not ap	plicabl	e							
		36.S	olio	d wa	ste	Manae	gemen	t					
Waste gen the Pre Co	eration in	Waste generation	l:	The so variou paint a	olid was s constr and vari	te generati ruction mai nishes.	ion on the pi terials like c	roposed ement,	site will b bricks, ste	e due to the el, sand stor	ne,		
and Constr phase:	ruction	Disposal of the construction was debris:	te	Most o reused	of the co l for bao	onstruction ck filling ar	materials lind road cons	ke soil, structio	bricks, com n works	ncrete will b	e		
		Dry waste:		Munic	ipal soli	id waste ge	eneration wi	ll be ne	gligible				
		Wet waste:		Munic	ipal soli	id waste ge	eneration wi	ll be ne	gligible				
Wasto go	noration	Hazardous waste:		After e	expansion	on a total 1	6 MT/day of	f sludge	will be ge	nerated.			
in the op Phase:	eration	Biomedical waste applicable):	(If	Not ap	plicabl	9							
		STP Sludge (Dry sludge):		Not ap	plicabl	9							
		Others if any		Not ar	nlicabl	2							

		Dry waste:			Will be han	dled b	y Loca	l Body				
		Wet waste	•		Will be han	dled b	y Loca	ıl Body				
		Hazardous	s wast	e:	It will be di	sposed	l to M	PCB authoriz	ed CF	IWTSD	)F, Taloja.	
Mode of of waste:	Disposal	Biomedica applicable	l wast ):	te (If	Not applicable							
STP Sludge (Dry sludge):					Not applicable							
		Others if a	ny:		Not applica	t applicable						
		Location(s	):		Sludge Dry	ing Be	ds for	Sludge (For	CETP	)		
Area for the storage of waste & other material:			2169 m2									
		Area for m	achin	ery:	48.5 m2							
Budgetary	allocation	Capital cos	st:		1,67,00,000	)						
O&M cost)	:	O & M cos	t:		50,00,000							
			3	7.Ef	fluent C	hare	cter	estics				
Serial Number	Paran	neters	Uı	nit	Inlet E Charect	Effluen teresti	it cs	Outlet I Charect	Efflue erest	nt ics	Effluent discharge standards (MPCB)	
1	CC	DD	mg	g/L	27	00		25	50	2	250	
2	BC	DD	mg	g/L	10	000		10	00		100	
3	TS	SS	mg	g/L	5	500		10	00		100	
4	р	H		-	5.5-9.0 7.3-7.7		7.3-7.7					
Amount of effluent generation (CMD): 27.5 MLD (CETP)												
Capacity of	the ETP:		27.5	MLD (	CETP)							
Amount of t recycled :	reated efflue	ent	Not a	pplica	ble							
Amount of v	vater send to	o the CETP:	Not a	pplica	ble							
Membershi	p of CETP (if	f require):	Not a	pplica	ble							
Note on ET	P technology	to be used	Note	on CE	TP technolo	gy atta	ched a	as annexure				
Disposal of	the ETP sluc	lge	16 M Taloja	T/day a.	of CETP sluc	lge wil	l be ge	enerated whi	.ch wil	l be di	sposed to CHWTSDF,	
			3	<b>8.H</b> a	zardous	Was	te D	etails				
Serial Number	Descr	iption	С	at	UOM	Exis	ting	Proposed	То	tal	Method of Disposal	
1	ETP s	ludge	34	.3	MT/day	5	7	9	1	6	CHWTSDF, Taloja	
			3	<u>89.St</u>	acks em	issio	n Do	etails				
Serial Number	Section	& units	Fı	uel Us Qua	ed with ntity	Stacl	« No.	Height from ground level (m)	Inte dian (1	ernal neter n)	Temp. of Exhaust Gases	
1	DG sets (	750 kVA)	Hig	gh Spe	ed Diesel	1	L	3.5m (above roof)	0	.3	125°C	
			4	0.De	tails of <b>H</b>	<b>uel</b>	to be	e used				
Serial Number	Тур	e of Fuel			Existing			Proposed			Total	
1	High S	Speed Diesel			-			_ W			Will be required only in case of power failure	
41.Source of	of Fuel			-						·		
42.Mode of	Transportat	ion of fuel to	site	By Ro	bad							

		Total RG area :		6000 m2	6000 m2					
		No of trees	s to be cut	Nil						
		Number of be planted	f trees to	1200 (Exist	ing + Proposed trees)					
43.Green Belt Development		List of pro native tree	List of proposed native trees :		Cassia Fistula, Neolamarckia Cadamba, Butea Monosperma, Holoptelea Integrifolia, Schleichera Oleosa, Xylia Xylocarpa, Bombax Ceiba, Terminalia Elliptica, Terminalia Paniculata, Helicteres Isora, Cordia Dichotoma, Macaranga Peltata, Derris Indica, Azadirachta Indica, Oroxylum Indicum, Trema Orientalis					
		Timeline for completion of plantation :		With Completion of Construction phase.						
	<b>44.Nu</b>	mber and	l list of t	rees spe	cies to be plante	d in the ground				
Serial Number	Name of	the plant	Commo	n Name	Quantity	Characteristics & ecological importance				
1	Cassia Fistula Caesalp		iniaceae	60	Cassia fistula is widely grown as an ornamental plant in tropical and subtropical areas. It will grow well in dry climates. It is relatively drought-tolerant and slightly salt- tolerant. It will tolerate light brief frost too					
2	Neolar Cada	narckia amba	Rubia	aceae	60	The fruit and inflorescences are reportedly edible by humans. The fresh leaves are fed to cattle.				
3	Butea Mo	Aonosperma Faba		ceae 70		It is used for timber, resin, fodder, medicine, and dye. The wood is dirty white and soft and, being durable under water, is used for well-curbs and water scoops.				
4	Holoptelea	ea Integrifolia Ulma		aceae	80	The bark of Indian Elm is used in rheumatism. Seed and paste of stem bark is used in treating ringworm. Bark and leaves are used for treating oedema, diabetes, leprosy and other skin diseases, intestinal disorders, piles and sprcue				
5	Schleiche	era Oleosa	Sapino	daceae	45	The tree is host to Kusumi Lac, which is native to India. Its seeds are the source of Kusum oil.				
6	Xylia Xy	ylocarpa	Mimos	saceae	85	The seeds of this tree are edible.This tree is considered a medicinal plant in India				
7	Bomba	x Ceiba	Bomba	lcaceae	80	Spikes on stem can be ground and applied to face for treatment against acne.				
8	Terminali	a Elliptica	Elliptica Combr		80	The wood is used for furniture, cabinetwork, joinery, paneling, specialty items, boat-building, railroad cross-ties (treated), and decorative veneers.				
9	Terminalia	Paniculata	Combro	etaceae	75	The heartwood is dark grey, the sapwood a lighter grey. The wood is very hard. The wood is improved by being kept under water.It makes good planks and is used for agricultural implements. The wood is very useful for ship building and is used as substitute for teak.				

10	Helicter	res Isora	s Isora Stercul		8	0	The roots and the bark are used as an expectorant, demulcent, constipating and lactifuge and useful in colic, scabies, gastropathy, diabetes, diarrhoea and dysentery. The fruits are used as astringents, refrigerant, stomachachic, antispasmodic, haemostatic and vermifuge.
11	Cordia D	ichotoma	Boragi	naceae	8	0	The leaves also yield good fodder. The seed kernel has medicinal properties.
12	Macarang	ga Peltata	Euphor	biaceae	8	5	The major use of Macranga Peltata (Vatta) is for making Wooden Pencils and Plywood Industry.
13	Derris	ris Indica Faba		aceae	8	0	Derris indicais is one of the few nitrogen fixing trees (NFTS) to produce seeds containing 30- 42% oil. The seed oil is an important asset of this tree having been used as lamp oil, in soap making, and as a lubricant for thousands of years.
14	Azadirach	achta Indica Melia		aceae	8	0	Neem oil is used for preparing cosmetics such as soap, shampoo, balms, and creams as well as toothpaste
15	Oroxylum	oxylum Indicum Bignor		liaceae	80		The tree is often grown as an ornamental for its strange appearance. Materials used include the wood, tannins and dyestuffs.
16	Trema Orientalis Canna		baceae	baceae 80		The bark can be used for making string or rope, and used as waterproofing fishing-lines. In India and Tanzania, the wood is used to make charcoal.	
45	5.Total quai	ntity of plan	ts on grou	nd			
46.Num	iber and	list of sl	<u>ırubs an</u>	d bushes	s species	to be pl	anted in the podium RG:
Number		Name		C/C Distance			Area m2
1	Not	applicable		Not applic	cable		Not applicable
				<b>47.E</b>	nergy		
		Source of j supply :	power	Maharashti	ra State Elec	tricity Distri	bution Co. Ltd
		During Co Phase: (De Load)	nstruction mand	921 KVA			
		DG set as l back-up du construction	Power Iring on phase	500 KVA			
Dor	SY	During Op phase (Cor load):	eration inected	180 kVA			
require	ement:	During Op phase (Der load):	eration nand	180 kVA			
	Transformer: DG set as Power back-up during operation phase:		er:	1000 KVA			
			Power ıring phase:	1 x 750 kVA	Α		
		Fuel used:		High Speed	l Diesel		
		Details of I tension lin through th any:	high e passing e plot if	Not applica	able		

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		<b>48.</b> En	ergy savi	ng by	nor	<b>1-CO</b> I	nvention	al m	ethod	•		
Not applica	Not applicable											
49.Detail calculations & % of saving:												
Serial Number	I	Energy Cor	servation M	easures			Saving %					
1												
	50.Details of pollution control Systems											
Source	Ex	kisting pol	lution contro	ol systen	n		Proposed to be installed					
applicable		No	ot applicable						Not ap	plicable		
Budgetary (Capital	allocation	Capital c	ost:	25,00,0	00							
Ó&M	cost):	0 & M co	ost:	10,55,0	00						- •	
51	.Envir	onmer	<u>ital Mar</u>	<u>lage</u> i	me	<u>nt p</u>	<u>olan Bu</u>	<u>1dg</u>	<u>etary</u>	Alloca	tion	
		a	) Construe	ction p	pha	se (v	vith Bre	ak-u	<b>p):</b>		×	
Serial Number	Attri	ibutes	Para	meter			Total (	Cost p	er annu	m (Rs. In I	acs)	
1	Water Supp	for Dust ression	Dust o	control					0.75			
2	Site Sanita & Disi	ation, Safety nfection	Worker	s health				C	2.0			
3	Enviro Moni	nmental itoring	Air, Water, sampling	Noise, S & testin	Soil .g				5.0			
4	Health	Check up	k up Routine Health checkup for workers				0.5					
b) Operation Phase (with Break-up):												
Serial Number	Comj	ponent	Description			Capi	ital cost Rs Lacs	. In	Operat C	tional and ost (Rs. in	Maintenance Lacs/yr)	
1	Air Pollut	ion Control					10.0			2.0		
2	Water Co	Pollution ntrol					5.0			2.0		
3	Envir Monito Mana	onment ring And gement	Air, Water, sam	ater, Noise, Soil sampling			5.0			8.0		
4	Occupatio	onal Health	Routine checkup f	e Health or worke	ers		0.5		1.0			
5	Gree	en Belt	Tree pant green develo	tation an n belt opment	.d		1.0		2.0			
6	Solid mana	waste gement		-			1.0			180.0	)	
51.S	torage	of ch	emicals	(infl	am	nabl	e/expl	osiv	/e/haz	zardou	s/toxic	
							Maximum Quantity					
Descri	ption	Status	Locatio	Location		orage oacity MT	of Storage at any point of time in MT	Cons / Mo	umption onth in MT	Source of Supply	Means of transportation	
Poly Alu: chlor	minum ide	-	FRP Tan	FRP Tank		-	80 Tons		500	Local Industires	By Road	
Polyelec	trolyte	-	Chemical H	ouse		-	-		0.2	Local Industires	By Road	
Ferrous S	Sulphate	-	Chemical H	ouse		-	-		8	Local Industires	By Road	
Lin	ie	-	Chemical H	ouse	1		-		10	Local Industires	By Road	
			52.A	ny Ot	ner	Info	ormation	l				

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No Information Available								
	53.	Traffic Management						
	Nos. of the junction to the main road & design of confluence:	Not applicable						
	Number and area of basement:	Not applicable						
	Number and area of podia:	Not applicable						
	Total Parking area:	178.5 m2						
	Area per car:	Not applicable						
	Area per car:	Not applicable						
Parking details:	Number of 2- Wheelers as approved by competent authority:	Not applicable						
	Number of 4- Wheelers as approved by competent authority:	Not applicable						
	Public Transport:	Not applicable						
	Width of all Internal roads (m):	5 m						
	CRZ/ RRZ clearance obtain, if any:	Not applicable						
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	More than 10 km radius						
	Category as per schedule of EIA Notification sheet	В						
	Court cases pending if any	None						
	Other Relevant Informations	Not applicable						
	Have you previously submitted Application online on MOEF Website.	No						
	Date of online submission	-						
	<b>Brief informa</b>	tion of the project by SEAC						
TOR was approved by e 7(h)B1. Now PP submit	earlier SEAC-I in their 117 ted EIA report for apprais	7th meeting held on 29th and 30th December, 2015 under category sal.						
	i then proposar on expan	ison of CETT from 22.5 MED to 27.5 MED. The CETT presence Caters to						

## 977 industries. It was established in the year 1999 as a 10 MLD CETP. DECISION OF SEAC

Abhay Pimparkar (Sacratary	SFAC Maating No: 130 Maating Date: June 30	Page 60	Signature:
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		0,00	(enumum serie i)

SEAC-I decided to recommend the proposal for prior Environment Clearance.

#### **Specific Conditions by SEAC:**

PP to maintain 33% green coverage on site and submit a copy of plan showing location of green belt.
 PP to submit copy of tripartite agreement with industries, MIDC and Industrial Association.

a) PP to submit layout plan showing entry and exit of the tankers in case effluent transferred by tanker.
b) PP to obtain and submit letter from MIDC mentioning the work of storm water drain is completed and there is no risk of flooding.

5) PP to comply with the conditions laid down by MPCB for treated effluent and its disposal.

#### FINAL RECOMMENDATION

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

aggre aress 1 Signature: Name: Dr. Umakant Gaugetreo Daugat Dr. Umakant Dangat Abhay Pimparkar (Secretary SEAC Meeting No: 139 Meeting Date: June 30, **Page 61** SEAC-I) 2017 of 88 (Chairman SEAC-I)

#### SEAC-1 Meeting Agenda (Day 2)

SEAC Meeting number: 139 Meeting Date June 30, 2017
Subject: Environment Clearance for Pigments Manufacturing Plant (Synthetic Organic Chemical Industry: 5(f))

General I Pune- 411	<b>nformatio</b> 008,	<b>n:</b> Venue:	CSIR- Nat	ional Chemi	cal Laborator	ry (NCL)	)Guesthouse, Pashan Road,		
1.Name of P	roject	Pigments Manufacturing Plant							
2.Type of ins	titution		Private						
3.Name of P	roject Propon	ent	Sapphire Pigi Vatva, Ahmeo	ments Private Li labad – 382 445	imited., Mr. Hetal hetal1961@gmai	Shah Man l.com Phoi	naging Director A-1/12 phase II, GIDC, ne: 9825009313 Fax: 9140099313		
4.Name of C	onsultant		Ultra-Tech (E	Environmental C	onsultancy & Lab	oratory )			
5.Type of pro	oject		Industrial						
6.New project project/mode in existing p	ct/expansion i ernization/div roject	n existing ersification	g New						
7.If expansion/diversification, whether environmental clearance has been obtained for existing project Not applicable									
8.Location of	f the project		Plot No. FS- 3	34, Mahad Five	star Industrial are	ea, MIDC, I	Mahad, Raigad, Maharashtra		
9.Taluka			Mahad						
10.Village			Amshet						
11.Area of th	ne project		MIDC Mahad	l					
			NA						
12.IOD/IOA/	Concession/Pl mber	an	IOD/IOA/Concession/Plan Approval Number: NA						
rippiovai iva	mber		Approved Built-up Area: 2191.59						
13.Note on t applicable)	he initiated w	ork (If	No work Initi	ated					
14.LOI / NOO Other approv	C / IOD from M vals (If applic	IHADA/ able)	NA						
15.Total Plot	t Area (sq. m.)		8000 Sq.m.						
16.Deduction	ns		00						
17.Net Plot a	area		8000						
			a) FSI area (sq. m.): Not applicable						
18.Proposed Non-FSI)	Built-up Area	i (FSI &	b) Non FSI area (sq. m.): Not applicable						
			c) Total BUA area (sq. m.): 2191.59						
19.Total gro	und coverage	(m2)	Not applicable						
20.Ground-c (Note: Perce to sky)	overage Perce ntage of plot	entage (%) not open	Not applicable						
21.Estimated	l cost of the n	roiect	5000000						
	20	Num	or of k	milding	s & its c	onfig	uration		
0.11		<b>vuiii</b>		Junung		UIIII			
number	Building	y Name & r	iumber	Num	ber of floors		Height of the building (Mtrs)		
1	Ne	ot applicabl	e	No	ot applicable		Not applicable		
23.Number tenants and	c of d shops	NA							
24.Number of expected residents / users Not applicable									
25.Tenant density per hectare Not applicable									
26.Height building(s)	26.Height of the building(s)								
27.Right of (Width of t from the no station to t proposed h	f way he road earest fire he wilding(s)	More than 1	100 ft						

28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	15m							
29.Existing structure (	J s) if any	Not applica	ble						
30.Details demolition disposal (I applicable)	of the with f	Not applica	ble						
			<b>31.</b> P	roduct	ion Details				
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	CPC	Blue	Ν	A	100	100			
2	Alpha	ı Blue	Ν	A	40	40			
3	Beta	Blue	N	A	40	40			
4	Gre	en 7	Ν	A	25	25			
5	Turquoi	ise Blue	N	A	10	10			
6	То	tal	To	tal	215	215			
		3	2.Tota	I Wate	r Requiremen	t			
		Source of v	water	MIDC, Five	star Mahad				
		Fresh wate	er (CMD):	93					
		Recycled water - Flushing (CMD):		49.5 (used in process)					
		Recycled water - Gardening (CMD):		17.5					
		Swimming make up ((	pool Cum):	Not applicable					
Dry season	1:	Total Wate Requireme :	er ent (CMD)	93					
		Fire fightin Undergrou tank(CMD)	ng - .nd water ):	Not applicable					
		Fire fighting - Overhead water tank(CMD):		25					
		Excess trea	ated water	25					
		Source of	water	MIDC, Five	star Mahadlicable				
		Fresh wate	er (CMD):	93					
		Recycled w Flushing (	vater - CMD):	49.5 (used in process)					
	CV	Recycled w Gardening	ater - (CMD):	17.5					
	5	Swimming make up ((	pool Cum):	Not applica	ble				
Wet seaso	<b>n:</b>	Total Wate Requireme :	er ent (CMD)	93					
		Fire fightin Undergrou tank(CMD)	ng - nd water ):	Not applica	ble				
		Fire fightin Overhead tank(CMD)	ng - water ):	25					
		Excess trea	ated water	25					

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Details of Swimming pool (If any) NA													
			33	.Detail	s of Tota	s of Total water consumed							
Particula rs	Cons	umpti	ion (CM	D)	I	Loss (CMD)			Effluent (CMD)				
Water Require ment	Existing	Pro	posed	Total Existing Proposed Total Existing Propose						Total			
Domestic	0		2.5	2.5	0	0	0	0	2.5	2.5			
Industrial Process	0	9	90.5	90.5	0	34.5	34.5	0	72	72			
Gardening	0	1	7.5	17.5	0	0	0	0	0	0			
		Level wate	of the ( table:	Ground	10- 15 m								
		Size a tank( Quan	and no c (s) and tity:	of RWH	1000 lil								
		Locat tank(	tion of t	he RWH	-								
34.Rain V Harvestii	Vater Ng	Quan pits:	tity of r	echarge	NA								
(RWH)	-9	Size o	of recha	rge pits	NA			3					
		Budg (Capi	etary al ital cost	location ) :	Rs. 10 Lacs								
		Budgetary allocation (O & M cost) :			Rs. 3 lacs/ar	inum							
		Detai if any	ils of UG / :	T tanks	3 Cum								
		Natu drain	ral wate age pat	r tern:	Towards south west								
35.Storm drainage	water	Quan water	tity of s	torm	Quantity of storm water: 800 m3/hr (max.)								
		Size	of SWD:		500 mm								
		Sewa in KI	ge gene .D:	ration	2								
		STP 1	technolo	gy:	NA								
Sewage	and 🗅	Capa (CMI	city of S )):	TP	NA								
Waste w	ater	Locat the S	tion & a TP:	rea of	NA								
	CY	Budg (Capi	etary al tal cost	location ):	NA								
		Budg (O &	etary al M cost)	location :	NA								
			36	<b>Soli</b>	<u>d waste</u>	Manag	emen	t					
Waste gen	eration in	Wast	e genera	ation:	NA								
and Constr phase:		Dispo const debri	osal of t truction s:	he waste	NA								
		Dry v	vaste:		19								
		Wet w	waste:		8								
Waste ge	neration	Haza	rdous w	aste:	15 MT/day								
in the op Phase:	eration	Biom appli	edical w cable):	vaste (If	NA								
		STP S sludg	Sludge ( je):	Dry	NA								
		Othe	rs if any	•	Coal ash - 2	00 kg/day Plas	tic drum	- 2 no./day	y spent oil 0.2 M	T/year			
Abhay Pimp SEAC-I)	arkar (Secre	etary	SEAC N	leeting N	o: 139 Meeting Date: June 30, 2017 Page 64 Dr. Umakant Dangat of 88 (Chairman SEAC-I)								

		Dry waste: Handed over to the authorised recyclers									
		Wet waste	•	Composting							
		Hazardous	waste:	Disposal at	CHWTSDF /	Brick Manu	facturing				
Mode of a steed of wastee	Disposal	Biomedica applicable	l waste (If ):	NA	NA						
		STP Sludg sludge):	e (Dry	NA							
		Others if a	ny:	Authorised	recycler						
		Location(s	):	NA							
Area requirem	ent:	Area for th of waste & material:	e storage other	torage ner NA							
		Area for m	achinery:	ry: NA							
Budgetary	allocation	Capital cos	st:	Rs. 5 Lacs							
(Capital co O&M cost)	st and	O & M cos	t:	Rs. 8 Lacs/a	annum						
			37.Ef	fluent C	harecter	estics					
Serial Number	Paran	neters	Unit	Inlet E Charect	ffluent erestics	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)			
1	р	H	pH unit	2	.5	7.	.5	5.5 - 9.0			
2	Со	lor	Co-pt unit	18	10	8	9	-			
3	S	S	Mg/l	60	00	9	2	Max. 100			
4	TI	DS	Mg/l	35	00	28	00	-			
5	CC	DD	Mg/l	40	00	21	LO	Max.250			
6	BC	DD	Mg/l	11	00	46		Max. 100			
7	Oil & g	grease	Mg/l	15	5.0	7.	.0	Max. 10			
8	Сор	per	Mg/l	12	2.7	1.	.8	-			
9	Ammonica	l Nitrogen	Mg/l	20	00	4	5	<50			
Amount of e (CMD):	effluent gene	eration	74.5								
Capacity of	the ETP:		125 Cum								
Amount of t recycled :	reated efflue	ent	49.5								
Amount of v	water send to	o the CETP:	25								
Membershi	p of CETP (if	f require):	Yes								
Note on ET	P technology	7 to be used	Effluent is collected in the collection tank (RCC Brick line underground tank). The collected effluent is then sent for Neutralisation tank, where pH is maintained of th effluent. Neutralisation is done with Hydrated Lime under constant stirring. The neutral water is then clarified in Primary Clarifier. The sludge is the sent to sludge bed where it is dried and Gypsum is formed. The gypsum is sold as by-product or is disposed off to CHWTSDF. Filtrate from Primary Clarifier is sent for Biologica								
Disposal of	the ETP sluc	lge	will be sent	to CHW-TSI	OF Taloja						
			<b>38.H</b> a	zardous	Waste D	etails					
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal			
1	1 ETP sludge fr wa wa treat		34.3 Chemical sludge from waste water treatment	-	NA	15 MT/ day	15 MT/ day	Sent to CHW-TSDF Taloja			
			39.St	acks em	ission De	etails					
Serial Number	Section	& units	Fuel Us Quar	ed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases			

agentiques?			Signature: Name: Dr. Umakant Gangetreo Dangai
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1	Stack at Boiler & th heate	tached to ermax fluid rstack		Coal 1		-	16	1.2	180		
40.Details of Fuel to be used											
Serial Number	Тур	oe of Fuel		Existing			Proposed		Total		
1		Coal			NA			Coal		Coal	
2	Die	sel DG set			NA		]	Diesel DG se	t	Diesel DG set	
41.Source of	of Fuel			coal							
42.Mode of Transportation of fuel to site By road											
		Total RG a	rea :		Total RG ar	ea: 27	97.96	m2			
		No of trees	to be	e cut	-						
43.Gree	n Belt	Number of be planted	trees :	to	1200						
Develop	ment	List of prop native tree	posed s :		all						
		Timeline for completion plantation	or 1 of :		2 year				0		
	<b>44.Nu</b>	mber and	l list	of t	rees spe	cies	to b	e plante	d in the	ground	
Serial Number	Name of	the plant	C	ommo	on Name		Qua	ntity	Charact	eristics & ecological importance	
1	Azadirachtaindica			Neem			100		Large tree, good for roadside plantation		
2	Anthocepha	aluskadamba		Kadamba			9	00	Shady, large tree, ball shaped flowers.		
3	Alstonia	scholars		Saptaparni			1	20	Shady, lar f	ge evergreen Tree, white ragrant flowers	
4	Cassia	a fistula		Bahava			8	35	Medium Beautiful	a sized deciduous tree. yellow flowers, Butterfly host plant	
5	Mesu	laferra		Nagchampa		70		It known for its fragrant flowers,			
6	Michelia	champaca	ć	Champa		50		Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant			
7	Mimuso	opselengi		Ва	kul		5	'0 Shady		ee, small white fragrant flowers	
8	Pongam	iapinnata		Ka	ranj		85		Shady tree.		
9	Bauhinea	blackeana	A	.pta / I	Kanchan		65		Small tree with small white flowers, Butterfly host plant		
10	Sarac	aasoca		Sita	Ashok		Q	90	Shady tree with red-yellow flowers.		
11	Delon	ixregia		Guln	nohar		9	90	t	lowering plant	
12	Tectona	a grandis		Te	eak		8	80	tropical placed fa	hardwood tree species in the flowering plant mily Lamiaceae	
13	Gardenia j	asminoides		Ana	anta		7	70	everg	evergreen flowering plant	
14	Calistemor	nlanceolatus		Bottle	Brush		5	55	t	lowering plant	
15	Sesamur	n indicum		Sea	isam		8	30	f	lowering Plant	
4	5.Total qua	ntity of plan	ts on	grou	nd						
46.Nun	ıber and	list of sh	rub	s an	d bushes	s spe	cies	to be pla	anted in	the podium RG:	
Serial Number		Name			C/C Dista	nce			Are	a m2	
1		NA			NA				l	NA	
47.Energy											

agger or anger			Signature: Name: Dr. Umakant Gaugerrao Dangai
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		Source of supply :	power	MSEDCL				
		During Co Phase: (De Load)	nstruction emand	49 KW				
		DG set as i back-up du constructi	Power uring on phase	50kVA				
_		During Op phase (Cor load):	eration nnected	150 KW				
Pov require	wer ement:	During Op phase (Der load):	eration mand	112 KW				
		Transform	er:	-				
		DG set as back-up du operation	Power ıring phase:	50 KVA				
		Fuel used:		Diesel				
		Details of tension lin through th any:	high le passing le plot if	No	No			
		48.Ene	ergy savi	ng by no	n-co	nventional m	nethod:	
NA			00				3	
		4	9.Detail	calculati	ons	& % of savin	g:	
Serial Number	Е	nergy Cons	ervation M	easures	es Saving %			
1			NA				NA	
		50	.Details	of pollut	ion d	control Syste	ms	
Source	Ex	isting pollu	tion contro	l system 🦷		Pro	posed to be installed	
ETP			NA				1	
DG set			NA		·		1	
Budgetary (Capital	allocation cost and	Capital cos	st:	NA				
0&M	cost):	0 & M cos	t:	NA				
51	.Enviro	onment	tal Mar	nageme	ent	<u>plan Budg</u>	etary Allocation	
		a)	Construe	c <mark>tion ph</mark> a	nse (†	with Break-u	ıp):	
Serial Number	Attri	butes	Para	meter		Total Cost p	oer annum (Rs. In Lacs)	
1	А	ir	Dust supr monit	ession and toring			1.92	
2	Wa	nter	tanko construc monit	er for ction and toring			3.6	
3	La	and	Site san toi	itation & lets			3	
4	Biolo	ogical	Plant	ation			2	
5	5 Socio-economic env. Control , Facilities Check Up , equip		tion- Pest First Aid s , Health , protective oment			2.18		
		b	) Operat	ion Phas	e (w	ith Break-up	):	
Serial Number	Comp	onent	Descr	iption	Сар	ital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)	
1	Emissio	n control	sta	ack		15	10	
2	Water & W manag	Vastewater gement	E	ГР		50	6	

2 - Or others			Signature:
Clope -			Name: Dr. Umakant Gångetreo Dangat
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3	Solid	Waste	Authorize	d recycler	7	5			8		
4	Green Belt Development		Plant	Plantation		6		2			
5	Monit	oring	MO	)EF		2		1			
6	Environme P	ntal Cell & R		-		3		2			
7	Other ası Rain Harvestin Secur	pects like Water g, Safety, ity etc	RWH tanketc.			10			3		
8	Contin	igency		-		3			2		
51.S	torage	of che	micals	(infla subs	mable	e/explo s)	osiv	/e/haz	ardou	s/toxic	
Description		Status	Location		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Cons / M	sumption Ionth in MT	Source of Supply	Means of transportation	
H2SO4	4 (98%)	Liquid	Near l	ETP	25KL	50 KL		320	Local	Bv road, tanker	
HCl	(30%)	Liquid	Near I	ETP	20 KL	40 KL		50	Local	By road, tanker	
NITROB	ENZENE	Liquid	Near I	ETP	10 KL	10 KL		10	Local	By road, tanker	
MONOCHLO	ROBENZENE	Liquid	Near l	ETP	10 KL	10 KL		2	Local	By road, tanker	
LIQUID A	AMMONIA	Liquid	Near l	ETP	10 KL	10 KL		100	Local	By road, tanker	
N	BA	Liquid	Near ETP		5KL	5KL		2	Local	By road, tanker	
WA	TER	Liquid	Different location		5-100 KL	100 KL		240	MIDC	MIDC pipeline	
Chle	orine	Gas	Separate storage shed		2 MT	2 MT		28	Local	By road, tanker	
		·	52.A	ny Oth	er Info	mation					
No Informa	tion Availabl	е		0							
			53.	Traffic	Manag	ement					
		Nos. of the to the mai design of confluence	e junction n road & e:	5	) }						
		Number a basement:	nd area of	>							
		Number a podia:	nd area of	-							
		Total Parking area:		960.57 S	q.m.						
		Area per car:		-							
			Area per car:								
Parking details:		Number of 2- Wheelers as approved by competent authority:		-							
	2	Number of 4- Wheelers as approved by competent authority:		-							
		Public Tra	nsport:	-							
		Width of a roads (m)	ll Internal	9 m							
CRZ/ RRZ clearance obtain, if any:			No								

approverse			Signature: Name: Dr. Umakant Gangearao Dangan
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	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None within 10 Km			
	Category as per schedule of EIA Notification sheet	5 (f) B2			
	Court cases pending if any	No			
	Other Relevant Informations	1) We have submitted the application Form1 along with all necessary annexure and Pre feasibility report to State level Expert appraisal Committee on 19.10.16 vide Proposal no SIA/MH/IND2/17581/2016 through online and in hard copy too.2) Since the committee dissolved in month of October 2016, we have applied to EAC dated 4th January 2017 vide File No. F.No IA-J-11011/8/2017-IA-II(I) for consideration of our proposal. 3) Our Proposal considered in 18th Expert Appraisal Committee (Industry – II) (Item No. 18.10.3) for Terms of Reference (ToR)4) We have received ToR vide Minutes of meeting of 18th EAC and ToR letter (letter attached herewith5) We have started preparing EIA report on the basis of the same. and submitting herewith the EIA			
	Have you previously submitted Application online on MOEF Website.	Yes			
	Date of online submission	19-10-2016			
	Brief informa	tion of the project by SEAC			
PP submitted their appl	ication for TOR. PP gave	presentation for the same during the meeting.			
	DE	CISION OF SEAC			
During deliberation con	nittee observed the follow	ving points,			
The data filled by PP in above format is lacking at many places like layout plan showing clearcut road width and turning radius for the movement of emeregncy vehicles like fire tender etc., inadequate entry, exit to the plant, details of generation of hazardous waste, byproducts their quantities, treatment and dispsoal methods, detailed material balance, toxic chemicla handling etc.					
During meeting, PP requested to delete the present consolidated statement and requested to allow to uplaod corrected consolidated statement along with other required document.					
In view of above SEAC-I decided to delete the proposal and advised PP to submit a fresh proposal for TOR along with all requried documents and data as mentioned above.					
Specific Conditions by SEAC:					
	FINAL	RECOMMENDATION			
	Kind	dly find SEAC decision above.			
Shi					



# SEAC-1 Meeting Agenda (Day 2)

	SEAC N	leeting nu	mber: 139 Meeting Date Ju	ine 30, 2017					
Subject: Er	vironment Clearance f	or Proposed E	Bulk Drugs and Its Intermediates M	Manufacturing Unit					
<b>General I</b> Pune- 411	<b>nformation:</b> Venue 208,	: CSIR- Nat	ional Chemical Laboratory (N	NCL)Guesthouse, Pashan Road,					
1.Name of P	roject	INCHEM Lab	INCHEM Laboratories Pvt. Ltd.						
2.Type of ins	titution	Private							
3.Name of P	roject Proponent	Mr. P. Rajshekar Reddy							
4.Name of C	onsultant	Equinox Envi	Equinox Environments India Pvt. Ltd., Kolhapur (MS)						
5.Type of pro	oject	Not Applicab	le						
6.New projec project/mode in existing p	t/expansion in existing ernization/diversificatio roject	n New project	(Proposed Bulk Drugs and Its Manufac	turing Unit)					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project		Not Applicab	Not Applicable						
8.Location o	f the project	Plot No. C-7,	Krushnoor MIDC, Tal.: Naigaon, Dist.:	Nanded, State: Maharashtra					
9.Taluka		Naigaon							
10.Village		Krushnoor M	IDC						
11.Area of th	e project	Krushnoor M	IDC area						
10 100 /10 1 //		Not Applicab	le						
12.10D/10A/0 Approval Nu	Concession/Plan mber	IOD/IOA/Co	ncession/Plan Approval Number: N	ot Applicable					
		Approved B	uilt-up Area: 0.66						
13.Note on the initiated work (If applicable)		Not Applicab	Not Applicable as it is a proposed project.						
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)		Not applicable							
15.Total Plot	Area (sq. m.)	2.8 На							
16.Deduction	15	Not applicab	Not applicable						
17.Net Plot a	irea	Not applicable							
		a) FSI area (sq. m.): Not applicable							
18.Proposed Non-FSI)	Built-up Area (FSI &	b) Non FSI	area (sq. m.): Not applicable						
,		c) Total BUA area (sq. m.): Not applicable							
19.Total gro	und coverage (m2)	Not applicable							
20.Ground-c (Note: Perce to sky)	overage Percentage (%) ntage of plot not open	Not applicable							
21.Estimated	l cost of the project	8.25							
	22.Num	ber of l	buildings & its con	figuration					
Serial number	Building Name &	number	Number of floors	Height of the building (Mtrs)					
1	Not applical	ole	Not applicable	Not applicable					
23.Number tenants and	of Not applic	able							
24.Number expected ro users	of esidents / Not applie	able							
25.Tenant density per hectare Not applica		ıble							
26.Height of the building(s)									
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)		able							

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28.Turning for easy ac fire tender movement around the excluding for the pla	8.Turning radius or easy access of re tender novement from all round the building xcluding the width or the plantation								
29.Existing structure	J (s) if any	Not applicable							
30.Details demolition disposal (I applicable	of the with f	Not applica	ble						
			<b>31.</b> P	roduct	ion Detail	S			
Serial Number	Pro	Product Existing			Proposed (MT	/ <b>M</b> )	Total (MT/M)		
1	Valpro	ic Acid	(	)	99		99		
2	Monteluka	nst Sodium	(	)	3		3		
3	Phenytoi	n Sodium	(	)	6		6		
4	Etoc	lolac	(	)	6		6		
5	Esome Magnesium	prazole Trihydrate	(	)	3		3		
6	Zinc Ca	rnosine	(	)	6		6		
7	6 – Amino Ac	Penicillinic cid	(	)	21		21		
8	Omep	Omeprazole (		)	9		9		
9	Bamip Hydroc	niphylline C		)	9		9		
10	Balofl	oxacin (		)	6		6		
11	Ractor Hydroc	actopamine ( ydrochloride (			3		3		
12	Di Valpro	Di Valproex Sodium		)	39		39		
13	7 – Amino I Cephalosp	– Amino Des Acetoxy Cephalosporanic Acid			21		21		
14	Rabeprazo	beprazole Sodium			3		3		
15	Ambrox	col HCL		)	9		9		
16	Bromo Hydroc	hexine hloride		)	9		9		
17	Sodium V	/alproate		)	21		21		
18	Magnesiun	n Valproate	(	)	21		21		
		3	2.Tota	I Wate	r <b>Require</b> r	nent			
		Source of	water	MIDC Wate	r Supply Scheme				
		Fresh water (CMD): Recycled water -		5.0 9					
	GY	Flushing ( Recycled v	Flushing (CMD):		10				
		Gardening Swimming	(CMD):	10					
Denisora		make up (	Cum):	Not applicable					
Dry seasor	Dry season:		ent (CMD)	149.3					
		Fire fightin Undergrou tank(CMD	ng - Ind water ):	Not applicable					
		Fire fightin Overhead tank(CMD	ng - water ):	Not applicable					
		Excess treat	ated water	Not applica	ble				
							i		
	Aneres.						Signature:		

approvaria			Name: Dr. Umaka
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		Source of water		MIDC Water Supply Scheme								
		Fresh water (CMD):		88.5								
		Recycled wat Flushing (CM	er - 1D):	50.8								
		Recycled water - Gardening (CMD):		10								
		Swimming pool make up (Cum):		Not applical	ole							
Wet seaso	n:	Total Water Requirement (CMD) :		149.3								
		Fire fighting - Underground water tank(CMD):		Not applical	ole							
		Fire fighting - Overhead water tank(CMD):		Not applicable								
		Excess treate	ed water	Not applical	ole							
Details of pool (If an	Swimming y)	Not applicable	9					<b>S</b>				
		33	.Detail	s of Tota	l water co	nsume	d					
Particula rs	Cons	sumption (CM	D)	I	Loss (CMD)		Efi	fluent (CMD)				
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	00	15	15	00	1	1	00	14	14			
Industrial Process	00	78.5	78.5	00	9.7	9.7	00	81.08	81.08			
Cooling tower & thermopa ck	00	45.8	45.8	00	40.8	40.8	00	5	5			
Gardening	00	10	10	00	9	9	00	00	00			
							ł					
		Level of the of water table:	Ground	Not applical	ole - Proposed	Project						
		Size and no of RWH tank(s) and Quantity:		Not applicable- Proposed Project								
		Location of t tank(s):	he RWH	Not applicable- Proposed Project								
34.Rain V Harvestii	Water 1g	Quantity of r pits:	echarge	Not applicable- Proposed Project								
(RWH)	4	Size of recha ;	rge pits	Not applicable- Proposed Project								
	GY	Budgetary al (Capital cost	location ) :	Not applicable- Proposed Project								
		Budgetary al (O & M cost)	location :	Not applicable- Proposed Project								
		Details of UGT tanks if any :		Not applicable- Proposed Project								
35 Storm	wator	Natural wate drainage pat	r tern:	Not applical	ole - Proposed	Project						
drainage	water	Quantity of s water:	torm	Not applical	ole- Proposed F	Project						
		Size of SWD:		Not applicable- Proposed Project								

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		Sewage ge in KLD:	neration	14	14				
------------------------------------	-----------------------	--	---------------------	---	------------------------------------	-------------------------------------	--	--	--
		STP techn	ology:	Primary- Secondary and Tertiary Treatment					
Source and	and	Capacity o (CMD):	f STP	One number and 15 KLI	One number and 15 KLD				
Waste w	and	Location & the STP:	area of	North west corner of the Plot					
		Budgetary (Capital co	allocation ost):	Proposed Cost 50 Lakhs					
		Budgetary (O & M cos	allocation st):	Proposed cost 5 lakhs					
			<b>36.Soli</b>	d waste Mana	gement				
Waste gen	eration in	Waste gen	eration:	Not Applicable					
the Pre Co and Constr phase:	nstruction ruction	Disposal o constructi debris:	f the on waste	Not Applicable					
		Dry waste:		Boiler Ash					
		Wet waste	•	Not applicable- Propose	d Project				
Waşte ge	neration	Hazardous	waste:	Process (Organic & Inor & Discarded Containers	rganic) Residue, Spent Ca	arbon, Chemical Sludge			
in the op Phase:	eration	Biomedica applicable	l waste (If ):	Not applicable- Propose	d Project				
		STP Sludg sludge):	e (Dry	Not applicable- Propose	d Project				
		Others if a	ny:						
		Dry waste:		Sold to Brick Manufacturers					
		Wet waste:		Not applicable- Propose	d Project				
Madaaf	Diamagal	Hazardous waste:		CHWTSDF and Authoriz	ed Reprocesor				
of waste:	Disposai	Biomedical waste (II applicable):		Not applicable- Propose	d Project				
		STP Sludge (Dry sludge):		Not applicable- Proposed Project					
		Others if a	ny:	Net ownling his					
		Location(s	):	Not applicable					
Area requirem	ent:	Area for th of waste & material:	e storage other	Within industrial premises					
		Area for m	achinery:	Not applicable					
Budgetary	allocation	Capital cos	st:	Not applicable					
(Capital co O&M cost)	st and :	O & M cos	t:	Not applicable					
			37.Ef	fluent Charectere	estics				
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			
1	р	H	-	-	5.5 to 9	5.5 to 9			
2	ВС	DD	mg/l	-	< 30	< 30			
3	CC	DD	mg/l	-	< 250	< 250			
4	CC	DD	mg/l	-	< 250	< 250			
5	S	S	mg/l	-	< 100	< 100			
Amount of e (CMD):	effluent gene	eration	86.08						
Capacity of	the ETP:		90						
Amount of t recycled :	reated efflue	ent	Zero Liquid	Discharge					
Amount of v	vater send to	o the CETP:	No any efflu	aent would be forwarded	to CETP				
Membershi	p of CETP (if	f require):	Not Applica	Applicable					

agromes			Signature:
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Note on ET	P technology	y to be used	Stream I (High COD & High TDS Effluent) and Stream II (Low COD & Low TDS Effluent) - BO, CPU and MEE technology would be used									
Disposal of	the ETP sluc	lae	CHWTSDF									
		-9-	3	8.Ha	zardous	Was	te D	etails				
Serial Number	Descr	iption	Ca	at	UOM	Exis	ting	Proposed	Total	Method of Disposal		
1	Process	Residue	28	.1	MT/M			21.82	21.82	CHWTSDF		
2	Spent	Carbon	28	.2	MT/M			1.8	1.8	CHWTSDF		
3	Discarded	Containers	33	.3	Nos./Day			25	25	Authorized Re- processor		
4	4 Chemical Sludge from Waste water treatment			.3	Mt/M	3.15		3.15	CHWTSDF			
39.Stacks emission Details												
Serial Number Section & units		& units	Fu	iel Us Quai	ed with ntity	Stack	No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	Boiler	- 4TPH	Со	al - 24	Mt/Day	1		30	0.2	523 K		
2	TFH - 10 la	akh Kcal/hr.	Fı MT/	urnace /Day) / MT/I	e oil (2.4 ' Coal (3.5 Day)	Com: Sta	non ck	30	0.2	523 K		
3	D.G.Set -	500 KVA	Η	SD - 6	0 lit/Hr.	1		14	0.1			
	-		4(	).De	tails of <b>E</b>	Fuel 1	o b	e used				
Serial Number	Тур	Type of Fuel			Existing		_	Proposed		Total		
1		Coal						27.5 MT/Day	r	27.5 MT/Day		
2	HSD							60 Lt/Hr.		60 Lt/Hr.		
3	Fu	irnace oil		T 1				2.4 MT/Day		2.4 MT/Day		
41.Source (	)I Fuel	ion of fuol to	oito	Local	Supplier							
42.14100e 01	Transportat		site	TTUCF		<u> </u>						
		Total RG a	rea ·		Proposed a	reen he	lt are	a - 5790 75	Sa M (42 %	of open space)		
		No of trees	s to be	e cut	Not Applica	able		u 0750.75	04. 14. (42 /			
12 Croo	n Dolt	Number of be planted	f trees	to	Proposed P	lantation - 2427 numbers						
Develop	ment	List of pro native tree	posed s :		Azadirachta (Indian Alm (Copper Po	a indica iond Tr d)	a (Nee ee) C	em), Derris ir assia fistula	ndica (Karan (Bahava), Pe	lica (Karanj), Terminalia catappa Bahava), Peltophorum pterocarpum		
		Timeline for completion	or 1 of		After Comn	nission	ng of	the project				
	44.Nu	mher and	1 list	oft	rees sne	cies	to h	e nlanter	l in the d	round		
Serial Number	Name of	the plant	Co	ommo	n Name		Qua	ntity	Characte	eristics & ecological importance		
1	Azadirac	hta indica		Ne	em		-	-	Refer EIA	report for more details		
2	Derris	indica		Kar	anj		-	-	Refer EIA	report for more details		
3	Terminali	ia catappa	Indi	an Alr	nond Tree		-	-	Refer EIA	report for more details		
4	Cassia	fistula		Bah	ava		-	-	Refer EIA	report for more details		
5	Peltop pteroc	horum arpum		Coppe	er Pod			-	Refer EIA	report for more details		
45	5.Total qua	ntity of plan	ts on	grou	nd		•					
46.Nun Serial	iber and	list of sl	nrub	s an	a bushes	s spe	cies	to be pla	anted in	the podium RG:		
Number		1 vuine			C/C Dista	ince			Alte	1 1112		
1										-		
										la		

Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 139 Meeting Date: June 30, 2017	Page 74 of 88	Signature: Name: Dr. Umakant Gangeteso Dangat Dr. Umakant Dangat (Chairman SEAC-I)
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	47.Energy								
		Source of supply :	power	MSEB Grid					
		During Co Phase: (De Load)	nstruction emand	Not Applicable					
Power requirement: During phase ( load): During phase ( load):		DG set as back-up du constructi	as Power during ction phase						
		During Op phase (Cor load):	eration nnected	Not Applica	ble				
		During Op phase (De load):	eration mand	1000 to 120	00 KV#	A			
		Transform	er:	Not Applica	ble				
		DG set as back-up du operation	Power uring phase:	500 KVA D0	G Set				
		Fuel used:		HSD -60 lit.	/Hr.				
		Details of tension lin through th any:	high le passing le plot if	No any high	n tensi	on line is pa	ssing tl	hrough	the plot
		48.Ene	ergy savi	ng by no	n-co	nvention	al m	ethod	d:
The measur Environmer	res for Energ ntal Clearanc	y saving by ce.	non - conven	tional metho	od wou	ld be planne	d and i	impleme	ented after procurement of
		4	9.Detail	calculati	ons	& % of s	aving	J:	
Serial Number	E	nergy Cons	ervation M	easures	s Saving %				
1									
		50	.Details	of pollut	ion (	control S	ystei	ms	
Source	Ex	isting pollu	tion contro	l system	×		Prop	posed t	o be installed
Boiler (4 TPH) and TFH (10 Lakh KCal/Hr.)			-	Pulse			se Jet Ty	ype Bag Filter	
Budgetary	allocation	Capital co	st:	305 Lakhs					
(Capital 0&M	cost and	0 & M cos	t:	46.5 Lakhs					
51	Fnvir	nmen	tal Mar	agement plan Budgetary Allocation					
01			Construe	ction pha		with Bre	ak-u	n):	y / moourom
Serial Number	Attri	butes	Para	neter	.50 (	Total	Cost p	er annı	um (Rs. In Lacs)
1		-	-	-					
	GY	b	) Operat	ion Phas	e (w	ith Brea	k-up)	):	
Serial Number	Comp	onent	Descr	iption	Cap	oital cost Rs Lacs	. In	Opera	ational and Maintenance cost (Rs. in Lacs/yr)
1	Water and	Wastewater	ETP (ME	EE & RO)		200			30
2	А	ir	Pulse Jet Fil	Type Bag ter		50			5
3	Noise Manag	Level gement	Noise manag	e level gement		10			
4	Green Developi Rainwater	n Belt ment and Harvesting	Green Developi Rainwater	n Belt ment and Harvesting		15			1.5
5	Enviror Monitor Manag	nmental ring and gement	Enviror Monitor Manag	nmental ring and gement					5
Abhay Pimj SEAC-I)	Abhay Pimparkar (Secretary SEAC-I) SEAC Meeting No: 139 Meeting Date: June 30, 2017 SEAC-I) Page 75 of 88								

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		2

6	Occupati and	onal He Safety	alth	Occupation and S	nal Heal Safety	lth	30			5	
51.S	torage	e of e	c <b>he</b>	micals	(infl sub	amab stanc	es)	losiv	/e/ha	zardou	s/toxic
						0.	Maximur Quantity of	1			
Descri	ption	Statu	tatus Location		n	Storage Capacity in MT	Storage at any point of time in MT	/ M	umption onth in MT	Source of Supply	Means of transportation
Sodium H	ydroxide			Storage Ar	rea	10	10			Authorized Supplier	Trucks (Bags)
Nitric	Acid			Storage Ar	rea	3	3			Authorized Supplier	Trucks (Carboys)
Thionyl C	Chloride			Storage Ar	rea	2	2			Authorized Supplier	Trucks (Drums)
Methane S Chlor	ulphonyl ride			Storage Ar	rea	0.5	0.5			Authorized Supplier	Trucks (Drums)
Potassium I	Hydroxide		<ul> <li>Storage Area</li> <li>Stora</li></ul>		rea	0.5	0.5			Authorized Supplier	Trucks (Bags)
Hydrogen	Peroxide			Storage Ar	rea	2	2		-	Authorized Supplier	Trucks (Carboys)
Sulphur	ic Acid	Storage Area		rea	4	4			Authorized Supplier	Trucks (Carboys)	
Tri Ethyl An	nine (TEA)		Storage Area		rea	0.5	0.5			Authorized Supplier	Trucks (Drums)
Brom	ine			Storage Ar	rea	3	3			Authorized Supplier	Trucks (Drums)
				<b>52.</b> A	ny Ot	her Inf	formatio	n			
No Informa	tion Availal	ble		<b>EO</b> 1	Two ff:	c Man					
		Nos	of the	JJ.	Trailli		agement	,			
		to the desig confl	e mai in of uence	n road &	Not apj	plicable					
		Num baser	ber a nent:	nd area of	Not applicable						
		Num podia	ber a h:	nd area of	Not applicable						
		Total	Park	ting area:	Not applicable						
		Area	per c	ar:	Not applicable						
		Area	per c	ar:	Not apj	plicable					
Parking	details:	Whee appro comp autho	Number of 2- Wheelers as approved by competent authority:			Not applicable					
	9	Num Whee appro comp autho	ber of elers oved betent ority:	f 4- as by t	Not applicable						
		Publi	ic Tra	nsport:	Not app	plicable					
		Widt roads	h of a s (m):	ll Internal	Not app	plicable					
		CRZ/ obtai	RRZ n, if a	clearance any:	Not apj	plicable					
		Dista Prote Critic areas areas boun	nce f ected cally 1 s / Ecc s/ inte darie	rom Areas / Polluted o-sensitive or-State s	Not applicable						
Abhay Pimp SEAC-I)	orresson parkar (Sect	retary	SEA	C Meeting N	o: 139 M 2011	leeting Da	ite: June 30,	Pa	ge 76 of 88	Signature: Name: Dr. Umaka Dr. Umakant (Chairman SI	nt Gangetzeo Dangat Dangat EAC-I)

	Category as per schedule of EIA Notification sheet	В
	Court cases pending if any	No any court cases.
	Other Relevant Informations	The EIA report was submitted to DoE on 26.11.2014. Thereafter, our proposal was considered by SEAC-I in its meetings namely - (1) 107th SEAC Meeting held on 01.08.2015, (2) 109th SEAC Meeting held on 29.08.2015 and (3) 110th SEAC Meeting held on 11.09.2015. Thereafter, minutes of 110th SEAC meeting were put on DoE's website. Therein, discrepancy w.r.t. stack height to proposed boiler was observed. Immediately, correspondence was made with SEAC to rectify the same. Later, our proposal was put up for consideration at SEIAA held on 06.11.2015. We had no choice but to defer the case as the SEAC Minutes of Meeting (MoM) were not rectified yet. Moreover, the proposal was considered in 103rd SEIAA held on 27.06.2016 and 132nd SEAC meeting held on 05.08.2016. The scrutiny fee of Rs. 1 Lakhs was paid to SEIAA by NIFT, UTR No.: P1605031069361 dated 03.05.2016 through Canara Bank, Bashirbagh, Hyderabad. Also, our proposal was also considered on 19.01.2017. We would like to inform you that a period of five years have passed from submission of Form 1 of ILPL to SEAC. Sir, we kindly request you to consider our proposed ILPL in the forthcoming SEIAA meeting for grant of Environmental Clearance for our proposed project which is awaited for longer period.
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
	<b>Brief informa</b>	tion of the project by SEAC
The proposal was earlie of bulk drugs and interr the committee was that as SEIAA that the stack uninterrupted power su submission. The commit and concluded that if ba reliability can be accept	r considered by SEAC-I i nediates at Village-Krush the stack height should l height could be maintain pply. The SEIAA in its 10 ttee considered the sugg ag filter is operative even ted.	n its 110th meeting under category 5(f)B1 for the manufacturing nur, Taluka-Naigaon, District-Nanded. One of the condition laid down by be of 55 meters. Thereafter the PP represented to the committee as well ned at 36 meters, if proper Air Pollution Control is provided with '3rd meeting referred the proposal back to SEAC in the light of the above estion to provide full power back-up to Air Pollution Control (Bag Filter) during power cuts by virtue of uninterrupted power supply, its
Therefore the earlier Co supply for the Air Pollut	ommittee agreed for to pr ion Control. This may be	rovide stack height of 36 meters with provisions for uninterrupted power conveyed to SEIAA.
	DE	CISION OF SEAC
As earleir SEAC-I has ta	ken the decision on the j	proposal but not conveyed to the SEIAA.
The recommendation of	the earleir SEAC may be	e communicated to the SEIAA for final decision in the matter
Specific Conditions by	y SEAC:	
	FINAL	RECOMMENDATION
	Kino	lly find SEAC decision above.
5		



SEAC-1 Meeting Agenda (Day 2)								
		SEAC M	eeting nu	mber: 139 Meeting Date June	30, 2017			
Subject: Er	vironment (	Clearance for	r M/s. NGL F	ine-Chem Ltd.				
<b>General Information:</b> Venue: CSIR- National Chemical Laboratory (NCL)Guesthouse, Pashan Road Pune- 411008,								
1.Name of P	roject		New API and Intermediates chemical manufacturing units of M/s. NGL Fine-Chem Ltd.					
2.Type of ins	stitution		Private					
3.Name of P	roject Propo	nent	Mr. Rahul Na	achane				
4.Name of C	onsultant		Sadekar Envi	iro Engineers Pvt. Ltd.				
5.Type of pro	oject		Not applicable	le				
6.New project/mode in existing p	ct/expansion ernization/di roject	in existing versification	New project					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project			not applicable					
8.Location o	f the project		Plot no. S-18/	/3, Tarapur MIDC, Kolawade village, Boisa	ar, Palghar district, Maharashtra			
9.Taluka			Palghar		· · · · · · · · · · · · · · · · · · ·			
10.Village			Kolawade					
11.Area of th	ne project		gram pancha	yat Kolawade				
12 100/104/	Concoctor/I	llan	MIDC Plot po	ossession receipt no. MIDC/RO(ROT-I)/TRI	P-2974 dt. 22/07/2015			
Approval Nu	mber	- Idll	IOD/IOA/Co	ncession/Plan Approval Number:				
			Approved Built-up Area: 7236					
13.Note on the initiated work (If applicable)			The plant will be constructed on open plot in the MIDC, basic infrastructure will be constructed prior to EC and production building, utility building, warehouse, ETP etc. will be constructed after acquiring environmental clearance					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)								
15.Total Plot Area (sq. m.)			9174 sq. m.					
16.Deduction	ns		Not applicable	le				
17.Net Plot a	area		Not applicable	le				
10 D	D	- (FCL C	a) FSI area (sq. m.): Not applicable					
Non-FSI)	Duint-up Are		b) Non FSI area (sq. m.): Not applicable					
			c) Total BUA area (sq. m.): Not applicable					
19.Total gro	und coverag	e (m2)	2256					
20.Ground-c (Note: Perce to sky)	overage Perontage of plo	centage (%) t not open	Not applicable					
21.Estimated	d cost of the	project	22000000					
	2	2.Num	ber of l	ouildings & its confi	guration			
Serial number	Buildin	ig Name & i	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	Not applica	ble					
24.Number expected re users	r of esidents /	Not applica	ble					
25.Tenant per hectar	density e	Not applica	ble	le				
26.Height building(s)	of the							
27.Right of (Width of t from the n station to t proposed b	f way he road earest fire he wilding(s)							

approverse			Signature:
Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 139 Meeting Date: June 30,	Page 78	Dr. Umakant Dangat
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28.Turning for easy ac fire tender movement around the excluding for the pla	y radius ccess of from all building the width ntation	9m								
29.Existing structure	g (s) if any	no existing	structure							
30.Details demolition disposal (I applicable	Vetails of the olition with osal (If licable)     Not applicable									
	31.Production Details									
Serial Number	Pro	duct	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)					
1	Diminazene	e Aceturate	0	12	12					
2	Isometa Chlo Hydroc	amidium oride chloride	0	0.1	0.1					
3	Homidium Homidiun	Chloride / n Bromide	0	0.45	0.45					
4	Nitrox	ynil FP	0	0.5	0.5					
5	Clorsul	on USP	0	1.0	1.0					
6	Buparv	aquone	quone 0 0.4		0.4					
7	Parva	quone	0	0.25	0.25					
8	Diprop	ocarb Dionate	0	1.0	1.0					
9	Ami	traz	0	0.5	0.5					
10	TCA (Trichloro vinyl aniline)		TCA (Trichloro vinyl aniline)		TCA (Trichloro viny aniline)		0	1.5	1.5	
11	Febu	xostat	0	2.0	2.0					
12	Praziquantel		0	3.0	3.0					
13	TMTA (T triazacyc	Trimethyl lononane)	0	0.833	0.833					
14	Rano	lazine	0	2.0	2.0					
15	Ractor Hydroc	pamine chloride	0	1.5	1.5					
16	Lumefa	antrine	0	0.5	0.5					
17	Fenber	ndazole	0	0.5	0.5					
18	Spent : (Bypre	solvent oduct)	0	34	34					
19	Spent (Bypr	solvent oduct)	0	34	34					
20	Spent (Bypr	solvent oduct)	0	34	34					
21	Formulation	on of liquid rup	0	250000 L/month	250000 L/month					
22	Formulati prepa	on of Aqua ration	0	200000 L/month	200000 L/month					
23	Formulat powde (pow	ion of dry r syrup vder)	0	10	10					
24	Formul Ointme	ation of nt/spray	0	5	5					
		3	<b>2.Total Wate</b>	r Requiremen	t					

		Source of wa	ter	MIDC Tarapur							
		Fresh water	(CMD):	159							
		Recycled wat Flushing (CM	er - 1D):	Not applicable							
		Recycled wat Gardening (C	er - CMD):	Not applical	Not applicable						
		Swimming po make up (Cu	ool m):	Not applical	ole						
Dry seasor	1:	Total Water Requirement :	c (CMD)	Not applical	ole						
		Fire fighting Underground tank(CMD):	- I water	300000 L							
		Fire fighting Overhead wa tank(CMD):	- ter	Not applical	ole						
		Excess treate	ed water	Not applical	ole						
		Source of wa	ter	MIDC Tarap	our						
		Fresh water	(CMD):	151							
		Recycled wat Flushing (CM	er - 1D):	Not applical	ole						
		Recycled wat Gardening (C	er - CMD):	Not applicable							
		Swimming po make up (Cu	ool m):	Not applicable							
Wet season:		Total Water Requirement :	: (CMD)	Not applical	Not applicable						
		Fire fighting Underground tank(CMD):	l water	300000 L							
		Fire fighting Overhead wa tank(CMD):	- ter	Not applicable							
		Excess treate	ed water	Not applicable							
Details of pool (If an	Swimming y)	Not applicable	e e e e e e e e e e e e e e e e e e e								
		33	.Detail	s of Total	l water co	nsume	d				
Particula rs	Cons	sumption (CM	D)	I	Loss (CMD)		Eff	fluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	0	7	7	0	0.5	0.5	0	6.5	6.5		
Industrial Process	0	55	55	0	4.5	4.5	0	50.5	50.5		
Cooling tower & thermopa ck	0	89	89	0	77	77	0	12	12		
Gardening	0	8	8	0	8	8	0	0	0		
Fresh water requireme nt	0	159	159	0	90	90	0	69	69		

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SEAU-I)	2017	0] 88	(Chairman SEAC-I)

	Level of the Ground water table:	3-4 m BGL
	Size and no of RWH tank(s) and Quantity:	1 UG tank of 20 cu. m.
	Location of the RWH tank(s):	Near office building
34.Rain Water Harvesting	Quantity of recharge pits:	
(RWH)	Size of recharge pits :	
	Budgetary allocation (Capital cost) :	2,50,000
	Budgetary allocation (O & M cost) :	65,000
	Details of UGT tanks if any :	Rain water harvesting tank, fire water tank , UG tanks for solvent storage
	Natural water drainage pattern:	MIDC developed land. No natural drainage pattern
35.Storm water drainage	Quantity of storm water:	1.45 cu. m./hr
	Size of SWD:	0.9 (W)*1.02(H)*237(L)
	0	
	in KLD:	6.5 KLD
	STP technology:	septic tank overflow will be connected to aeration tank
Sowago and	Capacity of STP (CMD):	no STP will be provided .
Waste water	Location & area of the STP:	
	Budgetary allocation (Capital cost):	Rs. 1,85,00,000
	Budgetary allocation (O & M cost):	Rs. 19,00,000
	36.Soli	waste Management
Waste generation in	Waste generation:	In construction phase construction debris and scrap metal and packaging material will be generated.
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	The waste will be segregated. Construction waste will be used for landfilling in the plot premise. The scrap metal and packaging material will be sold to authorised scrap recycler.
	Dry waste:	non hazardous waste including metal and other scrap
	Wet waste:	Wet hazardous waste like distillation residue, product residue, will be generated. Details are given in hazardous waste section
Waste generation	Hazardous waste:	Different types of hazardous waste generated will be segregated as per category and either disposed to CHWTSDF or sold to authorised dealers.
Phase:	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	STP will not be provided. Dry ETP sludge will be disposed to CHWTSDF
	Others if any:	

		Dry waste:		Scrap will be sold to authorized scrap dealer.						
		Wet waste	:	wet hazardous waste will be disposed to CHWTSDF or sold to MPCB authorized recycler.						
Mode of 1	Disposal	Hazardous	waste:	hazardous v authorized	waste will be recycler.	dispos	sed to	CHWTSDF	or sold to MPCB	
of waste:	1	Biomedica applicable	l waste (If ):	If biomedical waste generated, it will be disposed through authorised party.						
		STP Sludg sludge):	e (Dry	No STP slue CHWTSDF.	dge will be p	roduce	ed. Dr	y ETP sludg	e will be disposed to	
		Others if a	ny:							
		Location(s	):	A separate hazardous a	demarcated and hazardou	area w us wasi	rill be te.	provided fo	r storage of non-	
Area requirem	ent:	Area for th of waste & material:	ne storage other	As per arch	itectural lay	out of j	plant.			
		Area for m	achinery:	As per arch	itectural lay	out of j	plant.			
Budgetary	allocation	Capital cos	st:	Rs. 1,50,00	0					
(Capital co O&M cost)	st and	O & M cos	t:	Rs. 90,000						
,	-		37.Ef	fluent C	harecter	estic	s			
Serial	-			Inlet E	ffluent		utlet 1	Effluent	Effluent discharge	
Number	Paran	neters	Unit	Charect	erestics	Ch	arect	terestics	standards (MPCB)	
1	р	H		4	-5		5.5	5 - 9	5.5 - 9	
2	TS	SS	mg/L	50	00		<1	100	<100	
3	TI	DS	mg/L	625	500		<2	100	<2100	
4	CC	)D	mg/L	20,	000		<2	250	<250	
5	BOD (3	3 days)	mg/L	55	00		<1	100	<100	
6	oil and	grease	mg/L	<20			<	10	<10	
Amount of e (CMD):	effluent gene	eration	Total efflue COD/TDS e	nt 69 CMD a ffluent .	dmeasuring	Low C	OD ef	fluent 49 C	MD and 20 CMD high	
Capacity of	the ETP:		80 CMD							
Amount of t recycled :	reated efflue	ent	69 CMD							
Amount of v	vater send to	o the CETP:	69 CMD if 0	CETP comply	ving with CP	CB/MP	CB no	orms.		
Membershi	p of CETP (if	require):	TEPS CETP	, Tarapur M	IDC					
Note on ET	P technology	y to be used	Effluent str COD/TDS s ATFD. The low COD ef treatment. plant.	eam segrega tream will be condensate v fluent will be The treated o	ation of low a e treated by a will be mixed e treated in H effluent will	and hig solvent l with l ETP con be disc	h COI strip ow CO mpris charge	D/TDS strea per column DD/TDS effl ing primary ed to CETP	ms will be done. high followed by MEE and uent and sewage and net , secondary and tertiary after max. recycle in the	
Disposal of	the ETP sluc	lge	at CHWTSI	DF facility.						
			<b>38.H</b> a	zardous	Waste D	etai	s			
Serial Number	Descr	iption	Cat	UOM	Existing	Prop	osed	Total	Method of Disposal	
1	ETP s	ludge	35.3	MT/month	0	1	0	10	CHWTSDF	
2	Distillatio	n Residue	20.3	MT/month	0	0.	5	0.5	CHWTSDF	
3	MEE R	lesidue	35.3	MT/month	0	37	.5	37.5	CHWTSDF	
4	Spent	carbon	28.3	MT/month	0	0.5	55	0.55	CHWTSDF	
5	Empty	y bags	33.1	MT/month	0	0.1	15	0.15	Sell to MPCB authorized recycler	
6	Carboys	s,drums	33.1	Nos.	0	20	0	200	Sell to MPCB authorized recycler	
			39.St	acks em	ission D	etails	5			
Serial Number	Section	& units	Fuel Us Qua	ed with ntity	Stack No.	Heig fro grou level	ght m ind (m)	Internal diameter (m)	Temp. of Exhaust Gases	
Abhay Pimp SEAC-I)	Abhay Pimparkar (Secretary SEAC-I) SEAC Meeting No: 139 Meeting Date: June 30, 2017 Page 82 of 88 Chairman SEAC-I)						nature:			

1	Steam	ı boiler	5 MT/ MT/0	/day c day br	coal or 7.5 riquettes	1	30	0.3	130	
2	Thern	nopack	30	00 L/d	lay FO	1	30	0.3	130	
3	D.G	. set	13	30 L/h	r HSD	2	12	0.15	160	
4	scrub	ober-1				3	5 m above roof	0.2	45	
5	scrub	ober-2				4	5 m above roof	0.2	45	
			40	.Det	tails of F	uel to b	e used			
Serial Number	Туг	oe of Fuel			Existing		Proposed		Total	
1		Coal			0		5 MT/day		5 MT/day	
2	briquet	tes (optional	)		0		7.5 MT/day		7.5 MT/day	
3		FO			0		300 L/day		300 L/day	
4		HSD			0		130 L/hr		130 L/hr	
41.Source of	of Fuel		a	all fue	els will be ma	ade availab	le from local y	vendors		
42.Mode of	Transportat	tion of fuel to	site l	by roa	ıd					
		Total RG a	rea :		not applicab	ole				
		No of trees	to be	cut	0					
43.Gree	n Belt	Number of be planted	trees t :	to	100 big tree	es and 150 s	small trees ar	nd shrubs		
Develop	ment	List of prop native trees	oosed s :		Tetu, Kanhe	u, Kanher, Kusum, Palas, Bahava, Shirish, Neem etc.				
		Timeline for completion plantation	imeline for ompletion of lantation :		Till Septemb	mber 2017				
A4 Number and list of trees species to be planted in the ground										
	<b>44.NU</b>	mber and	list	of ti	rees spec	cies to b	oe planteo	d in the	ground	
Serial Number	Name of	mber and the plant	List Cor	of ti mmor	rees spec 1 Name	cies to h Qua	<b>be planted</b>	d in the Charact	ground ceristics & ecological importance	
Serial Number 1	44.INUI Name of Ixora c	<b>mber and</b> the plant occinea	Cor	of ti mmor Rugn	n Name	Qua	oe plantee antity 50	d in the Charact A nat throughou by ne	ground ceristics & ecological importance tive shrub blooming t the year usually visited ctar feeding birds & butterflies.	
Serial Number 1 2	44.INU Name of Ixora c Heterop quadril	mber and the plant occinea phragma loculare	Cor	of ti mmor Rugn War	n Name	Qua	50 <b>5</b>	A native d A native d nectar fe area he	ground ceristics & ecological importance tive shrub blooming t the year usually visited ctar feeding birds & butterflies. leciduous tree visited by beding birds. Large leaf lps in settling of dust.	
Serial Number 1 2 3	44.Null Name of Ixora c Heterop quadril Oroxylun	mber and the plant occinea ohragma loculare n indicum	Cor	of ti mmor Rugn War Tet	n Name himi ras	Qua	<b>be planted</b> <b>intity</b> 50 5 5	d in the Charact A nat throughou by new A native d nectar fe area he A nati	ground ceristics & ecological importance tive shrub blooming t the year usually visited ctar feeding birds & butterflies. leciduous tree visited by reding birds. Large leaf lps in settling of dust. ive ornamental tree.	
Serial Number 1 2 3 4	44.Null Name of Ixora c Heterop quadril Oroxylum Nerium	mber and the plant occinea ohragma loculare n indicum oleander	Cor	of tr mmor Rugn War Tet Kanl	rees spee n Name himi ras tu her	Qua	be planted intity 50 5 5 50	A native A native A native A native A native A native resistan	ground ceristics & ecological importance tive shrub blooming t the year usually visited ctar feeding birds & butterflies. leciduous tree visited by eding birds. Large leaf lps in settling of dust. ive ornamental tree. hardy species, drought t with fragrant flowers	
Serial Number 1 2 3 4 5	44.Null Name of Ixora c Heterop quadril Oroxylun Nerium Schleiche	n ber and the plant occinea ohragma loculare n indicum oleander era oleosa	Cor	of tr mmor Rugm War Tet Kanl Kusu	n Name himi ras tu her um	Qua	<b>be planted</b> <b>intity</b> 50 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	A native d A native d nectar fe area he A native resistan A native t	ground eristics & ecological importance tive shrub blooming t the year usually visited ctar feeding birds & butterflies. eciduous tree visited by eding birds. Large leaf lps in settling of dust. ive ornamental tree. hardy species, drought t with fragrant flowers ree found in abundance in Sahyadris.	
Serial Number           1           2           3           4           5           6	44.Null Name of Ixora c Heterop quadril Oroxylun Nerium Schleiche Terminali	mber and the plant occinea ohragma loculare n indicum oleander era oleosa ia elliptica	Cor	of tr mmor Rugm War Tet Kanl Kusu Ain	n Name nimi ras tu her um	Qua	<b>be planted</b> <b>intity</b> 50 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	A native d A native d nectar fe area he A native A native resistan A native t A native t	ground ceristics & ecological importance tive shrub blooming t the year usually visited ctar feeding birds & butterflies. leciduous tree visited by beding birds. Large leaf lps in settling of dust. ive ornamental tree. hardy species, drought t with fragrant flowers ree found in abundance in Sahyadris.	
Serial Number           1           2           3           4           5           6           7	44.Null Name of Ixora c Heterop quadril Oroxylun Nerium Schleiche Terminalia	mber and         the plant         occinea         ohragma         oculare         n indicum         oleander         era oleosa         ia elliptica         a paniculata	Cor	of tr mmor Rugm War Tet Kanl Kusu Ain Kino	n Name himi ras tu her um n dal	Qua	<b>be planted</b> <b>intity</b> 50 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	A native d A native d nectar fe area he A native A native resistan A native t A native t A native t	ground eristics & ecological importance sive shrub blooming t the year usually visited ctar feeding birds & butterflies. leciduous tree visited by reding birds. Large leaf lps in settling of dust. ive ornamental tree. hardy species, drought t with fragrant flowers ree found in abundance in Sahyadris. evergreen broad leaved amon in the Sahyadris. s a tropical tree with a hatural distribution in Western Ghats	
Serial Number           1           2           3           4           5           6           7           8	44.Null Name of Ixora c Heterop quadril Oroxylun Nerium Schleiche Terminalia Catunareg	mber and the plant occinea ohragma loculare n indicum oleander era oleosa ia elliptica n paniculata um spinosa	Cor	of tr mmor Rugm War Tet Kanl Kusu Ain Kino Ghe	rees spee n Name himi ras tu her um n dal	Qua	<b>be planted intity</b> 50 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	d in the Charact A nati throughou by new A native d nectar fe area he A native resistam A native trescom Kindal is large n Mounta armed	ground eristics & ecological importance tive shrub blooming t the year usually visited ctar feeding birds & butterflies. leciduous tree visited by beding birds. Large leaf lps in settling of dust. we ornamental tree. hardy species, drought t with fragrant flowers ree found in abundance in Sahyadris. evergreen broad leaved mon in the Sahyadris. s a tropical tree with a latural distribution in Western Ghats an pomegranate is an shrub or small native evergreen tree	
Serial Number           1           2           3           4           5           6           7           8           9	44.Null Name of Ixora c Heterog quadril Oroxylun Nerium Schleiche Terminalia Catunareg Butea mo	mber and the plant occinea obragma loculare n indicum oleander era oleosa ia elliptica a paniculata um spinosa		of tr mmor Rugm War Tet Kanl Kusu Ain Kino Ghe Pala	rees spee n Name himi cas tu her um n dal ela as	Qua	<b>be planted</b> <b>intity</b> 50 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	d in the Charact A nati throughou by new A native d nectar fe area he A native resistan A native tree com Kindal is large n Mounta armed A native h fed by loo and abun	ground eristics & ecological importance tive shrub blooming t the year usually visited ctar feeding birds & butterflies. leciduous tree visited by beding birds. Large leaf lps in settling of dust. ive ornamental tree. hardy species, drought t with fragrant flowers ree found in abundance in Sahyadris. evergreen broad leaved mon in the Sahyadris. s a tropical tree with a latural distribution in Western Ghats an pomegranate is an shrub or small native evergreen tree orilliantly flowering tree cal birds fairly common dant across the Palghar District.	
Serial Number           1           2           3           4           5           6           7           8           9           10	44.Null Name of Ixora c Heteror quadril Oroxylum Nerium Schleiche Terminalia Catunareg Butea mo Erythrina	mber and the plant occinea ohragma loculare n indicum oleander era oleosa a elliptica a paniculata um spinosa mosperma		of tr mmor Rugm War Tet Kanl Kusu Ain Kind Ghe Pala	rees spee n Name himi ras tu her um dal dal ela as		planted         pitity         50         50         5         50         5         50         5         50         5	A native d A native d nectar fe area he A native A native resistan A native t A native t A native t A native t A native f large n Mounta armed A native h fed by loo and abun	ground ceristics & ecological importance ive shrub blooming t the year usually visited ctar feeding birds & butterflies. leciduous tree visited by eding birds. Large leaf lps in settling of dust. ive ornamental tree. hardy species, drought t with fragrant flowers ree found in abundance in Sahyadris. evergreen broad leaved mon in the Sahyadris. s a tropical tree with a latural distribution in Western Ghats an Pomegranate is an shrub or small native evergreen tree orilliantly flowering tree cal birds fairly common dant across the Palghar District. alued native ornamental tree.	
Serial Number           1           2           3           4           5           6           7           8           9           10           11	44.Null Name of Ixora c Heterop quadril Oroxylun Nerium Schleiche Terminalia Catunareg Butea mo Erythrina Cassia	mber and         the plant         occinea         ohragma         ohragma         oleander         era oleosa         a elliptica         a paniculata         um spinosa         onosperma         variegata         a fistula		of tr mmor Rugm War Tet Kanl Kusu Ain Kino Ghe Pala Pangl Baha	rees spee n Name himi ras tu her um hara ava		Planted         Description         Solution         50         <	A native d A native d nectar fe area he A native resistan A native tree com Kindal is large n Mounta armed A native h fed by loo and abun A highly v	ground eristics & ecological importance tive shrub blooming t the year usually visited ctar feeding birds & butterflies. leciduous tree visited by reding birds. Large leaf lps in settling of dust. ive ornamental tree. hardy species, drought t with fragrant flowers ree found in abundance in Sahyadris. evergreen broad leaved amon in the Sahyadris. s a tropical tree with a latural distribution in Western Ghats atin Pomegranate is an shrub or small native evergreen tree orilliantly flowering tree cal birds fairly common dant across the Palghar District. alued native ornamental tree. ornamental tree having s attracting bees and butterflies	

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12	Helicter	res isora Muruda		lsheng		50	A n t	ative shrub extensively found in he tracts & plains of sahyadri sed as roost plant by variety of birds.	
13	Tabernae alteri	emonta: nifolia	nontana Naag folia Naag		ıkuda		5	l	A small evergreen native tree
14	Macaran	ga pelta	ata	Chan	ıdwar		5	Aı	native tree found in abundance across the sahyadri range
15	Albizia l	ebbeec	k	Shi	rish		5	А	native tree with thick canopy.
16	Azadirac	nta indi	.ca	Ne	em		5	A n	ative evergreen tree known for plantation in polluted area.
17	Bridelia	a retusa	ì	As	ana		5	1	Native evergreen tree having medicinal importance.
18	Bomba	x ceiba		Sa	war		6	A	native tree with large showy flowers visited by birds.
19	Pterosp acerii	oermun folium	1	Much	ıkund		6	A	native evergreen tree used for ornamental plantations.
20	Cordia d	ichoton	na	Sh	elu		6	Na	ative deciduous tree attracting various insects.
21	Neolan cada	narckia Imba		Kada	amba		6	A n	ative evergreen tree with thick canopy.
22	Firmiana	colora	ta	Kaı	ıshi		6	Alla	orilliantly flowering native tree bundant in forests of Western Ghats & Deccan
45	5.Total qua	ntity of	f <mark>plants</mark> o	n grou	nd				
<b>46.Num</b>	nber and	list e	of shru	bs an	d bushes	s spe	cies to b	e plant	ed in the podium RG:
Serial Number		Name			C/C Dista	nce			Area m2
1		N/A			N/A				N/A
					<u>47.E</u> 1	<u>ier</u>	IY		
		Source suppl	ce of pow y :	er	MSEDCL				
		Durin Phase Load)	ig Constr e: (Demai	uction nd	200 KVA				
		DG se back- const	et as Pow up durin ruction p	er g bhase	100 KVA				
		Durin phase load):	g Operat (Connec	ion cted	3500 KW				
require	ement:	Durin phase load):	g Operat (Deman	ion d	3000 KVA				
		Trans	former:		3000 KVA				
	c V	DG se back- opera	et as Pow up durin tion phas	er g se:	1 DG set of	1000	KVA will be j	provided	
		Fuel u	used:		High speed	diesel			
		Detai tensio throu any:	ls of high on line pa gh the pl	n Assing lot if	The plot is i through the	in MID e plot.	OC Tarapur a	rea. No hig	Jh tension lines are passed
		48.	Energ	v savi	ng by no	n-co	nvention	al meth	nod:
			0.		<u> </u>				
			<b>49.</b> D	etail	calculati	ons	& % of s	aving:	
Serial Number	E	nergy	Conserva	tion M	easures			9	Saving %
1									
			50.De	tails	of pollut	ion c	control S	ystems	
Abhay Pimparkar (Secretary SEAC-I) SEAC Meeting No: 139 20			o: 139 Meeti 2017	ng Dat	e: June 30,	Page 84 of 88	Signature: Name: Dr. Umakant Gangetreo Dangat Dr. Umakant Dangat (Chairman SEAC-I)		

Source	I	Existing poll	lution contr	ol system		Proposed to be installed
Process emissions	Pro	posed unit, r	no existing co	ontrol system	1	2 alkali scrubbers will be provided with stack height as per CPCB guidelines.
Boiler emissions	Pro	posed unit, r	no existing co	ontrol system	1	bag filter will be provided to control PM emissions. A 30 m high common stack will be provided to boiler and thermopack.
D.G. set emissions	Proposed unit, no existing control system			ontrol system	A 12 m high stack from ground level will be provided.	
Sewage treatment	Pro	Proposed unit, no existing control system			1	the overflow of septic tank will be mixed with effluent in aeration tank of ETP
Effluent treatment	Pro	posed unit, r	no existing co	ontrol system	1	Effluent stream segregation of low and high COD/TDS streams will be done. high COD/TDS stream will be treated by solvent stripper column followed by MEE and ATFD. The condensate will be mixed with low COD/TDS effluent and sewage and net low COD effluent will be treated in ETP comprising primary, secondary and tertiary treatment. The treated effluent will be discharged to CETP if it is complying CPCB/MPCB norms or it will be recycled in the plant.
Noise pollution	Pro	posed unit, r	no existing co	ontrol system	1	acoustic enclosure to noise producing equipment, adequate maintenance of equipment to control noise and vibrations.
Solid waste managemen	t Pro	posed unit, r	no existing co	ontrol system	1	Non- hazardous waste will be sold to MPCB authorised recycling vendors. hazardous waste will be disposed to CHWTSDF or sold to MPCB authorised recycler.
Budgetary	allocation	llocation Capital cost:				
(Capital O&M	cost and cost):	O & M cos	t:	150000		
51	.Envire	onment	tal Mar	nageme	ent r	olan Budgetary Allocation
		a)	Construe	ction pha	ase (v	vith Break-up):
Serial Number	Attri	butes	Para	meter		Total Cost per annum (Rs. In Lacs)
1	air polluti	on control	constru barriers sprinkling of sources, co will be stor area and appropria PUC certifi will be transpor constructio	ction of s, water on emission ement bags ed in closed l handled tely., only eed vehicles used for tation of n materials		3.0
2	water pollu	water pollution control water water pollution control		l be treated nk followed it. surplus r generated struction will be to MIDC er primary ment		3.0
3	noise pollu	noise pollution control acoustic en DG, traffic reduce nois		closures to control to se pollution,		0.5
4	soil pollut	ion control	construct will be se from other landfille hazardous be recycle authorise good hous practice maint	ion debris egregated waste and ed, Non- waste will ed through d vendors, sekeeping e will be cained		0.5

ageno mars			Signature:
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5	Occupat	tional health	Workers will be provided PPEs. Saf training will be provided to worke medical facility ar assistance will be provided to worker emergency.	fety rs. nd e s in		0.	5		
			b) Operation Pl	hase (v	with Brea	k-up):			
Serial Number	Con	nponent	Description	Ca	apital cost Rs Lacs	. In Ope	rational and cost (Rs. in	Maintenance Lacs/yr)	
1	Air Pollution Control		2 alkali scrubbers process emission control. Bag filter v 30 m common stack boiler and thermopack. DG a scrubber stack as p CPCB guidlines	2 alkali scrubbers for process emission ontrol. Bag filter with 30 m common stack to boiler and thermopack. DG and scrubber stack as per CPCB guidlines			8,00,000.00		
2	Water Pollution Control		Low and high COD/TDS stream segregation. ETH comprising of prima secondary & tertia treatment having a CMD capacity alor with installation of CMD capacity ME with ATFD for hig COD/TDS effluen treatment.	n P ary, ary 80 ng 20 E E Jh it	1,85,00,000.00		19,00,00	00.00	
3	Noise C	Pollution ontrol	Installation of ant vibration pads, & Enclosures for DG & Boiler.	ti- x set	6,50,000.00		2,30,000.00		
4	Environment Monitoring and Management		periodic monitorin will be done inside plant including ambient air monitoring , wor place monitoring source emission monitoring.	ng the k	5,00,000.00		1,75,00	0.00	
5	Occupat	ional Health	Goggles, Breathir Masks, Gloves, Boo Helmets, Ear Plug etc. & annual heal medical checkup workers	ng ots, gs th- of	5,00,000.00		1,80,000.00		
6	Gre	een Belt	Construction and Maintenance of gree belt	d een	6,00,000.00		1,10,000.00		
7	Solid Waste Management		separate area for H storage, Waste segregation as per category, disposal CHWTSDF	separate area for HW storage, Waste segregation as per HW category, disposal at CHWTSDF			90000		
8	Water conservation		Installation of RW system & annua maintenance of RV tank	VH l VH	2,50,000.00		6000	0	
51.S	torag	e of ch	emicals (infl sub	amal	ble/expl ces)	osive/h	azardou	s/toxic	
Descrij	ption	Status	Location	Storag Capacit in MT	e Maximum Quantity of Storage at any point of time in MT	Consumptic / Month in MT	on Source of Supply	Means of transportation	

approximates			Signature:
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Acetonitrile	Liquid	Drum storag storage ar	ge in rea	3	2	6.5	local vendor	Road
Acetonitrile	Liquid	Drum storage in storage area		3	2	6.5	local vendor	Road
Acetone	Liquid	Tank storage		12	10	31.8	Local vendor	Road
Dichloromethane	Liquid	Drum storag storage ar	ge in rea	12	10	31.4	Local vendor	Road
Ethylene dichloride	Liquid	Drum storag storage ar	ge in rea	10	8	26.3	Local vendor	Road
Isopropyl Alcohol	Liquid	Drum storag storage ar	ge in rea	1	1	4.8	Local vendor	Road
Formamide	Liquid	Drum storag storage ar	ge in 'ea	1	1	1.4	Local vendor	Road
Toulene	Liquid	tank stora	.ge	10	8	25.7	Local vendor	Road
hydrochloric acid	Liquid	Tank storag storage ar	je in rea	8	5	22.2	Local vendor	Road
Acetic acid	Liquid	Drum storag storage ar	ge in rea	1	0.5	3.5	Local vendor	Road
Nitrobenzene	Liquid	Drum storag storage ar	ge in rea	2	1	5.5	Local vendor	Road
methanol	Liquid	Tank store	ige	30	20	195	Local vendor	Road
hydrochloric acid	Liquid	Tank stora	ige	10	8	23	Local vendor	Road
sulfuric acid	Liquid	Tank stora	ige	10	8	20	Local vendor	Road
ammonia gas	gas	cylinder		1	0.5	1.5	Local vendor	Road
Chlorine gas	gas	cylinder		0.2	0.1	0.2	Local vendor	Road
hydrogen gas	gas	cylinder		0.01	0.01	0.5	Local vendor	Road
epichlorohydrin	liquid	drums		0.1	0.1	0.6	Local vendor	Road
		52.A	ny Ot	her Info	rmation	l		
No Information Availab	ole							
		53.	Traffi	c Manag	gement			
	Nos. of to the m design o conflue	the junction aain road & of nce:						
	Number	and area of	NA					
	Number	and area of	NA					
	Total Pa	rking area:	1120					
	Area pe	r car:	NA					
6	Area pe	r car:	NA					
	Number	of 2-						
Parking details:	Wheeler approve compete authorit	rs as d by ent cy:	NA					
	Number Wheeler approve compete authorit	o of 4- rs as d by ent y:	NA					
	Public T	ransport:	NA					
	Width o roads (n	f all Internal n):	6m					

ager o grand			Signature: Name: Dr. Umakant Gangetrao Dangat
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-	
CRZ/ RRZ clearance obtain, if any:	no
Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Unit is in Notified Tarapur MIDC area. No protected zone within 10 km radius of the unit
Category as per schedule of EIA Notification sheet	5(f) B1
Court cases pending if any	no
Other Relevant Informations	
Have you previously submitted Application online on MOEF Website.	Yes
Date of online submission	17-05-2017
<b>Brief</b> informa	tion of the project by SEAC

TOR was approved by earlier SEAC-I in their 125th metign held on 12th and 13th April, 2016 under catedory 5(f)B1 for manufacture of animal category API's and intermediate products and formulations of 62033 Kgs/month.

Now PP submitted EIA reprot for apprasial. PP proposes Zero Liquid Discharge treatment to their effluent and no liquid waste will go out of the factory premsies.

## **DECISION OF SEAC**

SEAC - I decided to recommed the proposal for prior Environment Clearance.

## **Specific Conditions by SEAC:**

PP informed that their plant is Zero Liquid Discharge but the same is not mentioned by PP in the Consolidated Statement point No. 37. PP to submit an affidavit/undertaking regarding provision of Zero Liquid Discharge.
 PP to ensure 33% green cover within the plant premises.
 PP to ensure for use other the plant premises.

3) PP to submit calculation for use of hydrogen gas in the reaction, consumption of hydrogen gas and quantity of hydrogen gas emitted to atmosphere.

4) PP to provide full time security guard at the Emergency Exit gate.5) PP to use only Imported Coal having ash content less than 15%.

6) PP to submit copy of On Site/ Off Site emergency plan; PP also to submit the same to district authorities.

## FINAL RECOMMENDATION

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



2 - Or Ortess			Signature:
CEGPT -			Name: Dr. Umakant Gångetrao Dangat
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