### 158th (B) Meeting of State Level Expert Appraisal Committee (SEAC-1)

### SEAC Meeting number: 158th (B) ,Day-2 Meeting Date January 3, 2019

**Subject:** Environment Clearance for Installation of M S Billets manufacturing unit of capacity 55800 TPA at Gut No. 232. Village - Lakmapur, Tehsil-Dindori, District - Nashik, M.S.

Is a Violation Case: No						
1 M	M/s. Arvan Castings Pvt. Ltd. has installed M S Billets manufacturing unit of capacity 55800 TPA					
1.Name of Project	at Gut No. 23Z Village - Lakmapur, Taluka - Dindori, District Nashik					
2.Type of institution	Private					
3.Name of Project Proponent	Mr. ASH1SH AGAR WAL (Director)					
4.Name of Consultant	Pollution & Ecology Control Services					
5.Type of project	Industrial					
6.New project/expansion in existing project/modernization/diversification in existing project	New Project					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA					
8.Location of the project	At Gut No. 232					
9.Taluka	Dindori					
10.Village	Lakmapur					
Correspondence Name:	Mr. ASHISH AGARWAL (Director)					
Room Number:	11					
Floor:	-					
Building Name:	Cherry Hill Housing Society					
Road/Street Name:	Pipeline Road,					
Locality:	Gangapur Road					
City:	Nashik					
11.Area of the project	Grampanchayat					
	NA					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Not Applicable					
	Approved Built-up Area: 00					
13.Note on the initiated work (If applicable)	Not Applicable, work will be initiated after receipt of Environmental Clearance and Consent to Establish.					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable					
15.Total Plot Area (sq. m.)	44515.4 Sq. m.					
16.Deductions	NA					
17.Net Plot area	NA					
	a) FSI area (sq. m.): NA					
Non-FSI)	b) Non FSI area (sq. m.): NA					
	c) Total BUA area (sq. m.): 4500					
	Approved FSI area (sq. m.): NA					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): NA					
	Date of Approval: 20-08-2011					
19.Total ground coverage (m2)	NA					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA					
21.Estimated cost of the project	15000000					

### 22.Number of buildings & its configuration



Serial number	Buildin	g Name &	number	Number of floors			Height of the building (Mtrs)			
1		1		One Ir	ndustrial shed area		20			
23.Number tenants an	r of d shops	NA								
24.Number expected rusers	r of esidents /	NA								
25.Tenant per hectar	<b>density</b> e	NA								
26.Height building(s)	Height of the ding(s)									
27.Right o (Width of t from the n station to t proposed h	f way the road earest fire the ouilding(s)	15 m. Tar 1	oad Is existir	ng attached t	o 20 m. SH		86			
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	adius ess of rom all nuilding e width ation								
29.Existing structure (	J s) if any	Not applicable								
30.Details demolition disposal (I applicable)	30.Details of the demolition with disposal (If applicable)       Not applicable									
	31.Production Details									
Serial Number	Pro	duct	Existing	(MT/M) Proposed (MT/M)			Total (MT/M)			
1	M.S. 1	Billets		)	4650					
			32.Tota	l Wate	r <mark>Require</mark> m	ent				
		Source of	water	Ozhar khed Dam						
		Fresh wat	er (CMD):	20						
		Recycled Flushing	water - CMD):	14 for flushing & 10 for Industrial process						
	c V	Recycled Gardening	water - J (CMD):	5						
	2	Swimming make up (	r pool Cum):	Not applicable						
Dry season	1:	Total Wat Requirem :	er ent (CMD)	150						
Fire fighting - Underground water tank(CMD):				Not applica	ble					
		Fire fighti Overhead tank(CMD	ng - water ):	Not applicable						
		Excess tre	ated water	Not applica	ble					
Abhay Pimp SEAC-I)	Abhay Pimparkar (Secretary SEAC-I) Excess treated water Not applicable Signature: Signature: Signature: Name: Dr. Umakant Gangetreo Dangat Dr. Umakant Dangat (Chairman SEAC-I)									

		Source of wa	ter	er Ozhar khed Dam							
		Fresh water	(CMD):	20							
		Recycled wat Flushing (CM	er - ID):	14 for flushi	ng & 10 for Inc	dustrial pi	rocess				
		Recycled wat Gardening (C	er - CMD):	0							
Swimming pool make up (Cum): Not applicable											
Wet seaso	<b>a</b> :	Total Water Requirement :	(CMD)	150							
Fire fighting - Underground water tank(CMD):				Not applicat	ble			-6			
		Fire fighting Overhead wa tank(CMD):	- ter	Not applicat	ble						
		Excess treate	ed water	Not applicat	ole						
Details of spool (If an	Swimming y)	Not applicable	•								
33.Details of Total water consumed											
Particula rs	cula consumption (CMD)			Loss (CMD)			Effluent (CMD)				
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	0	20	20	0	4	4	0	16	16		
Cooling tower & thermopa ck	0	150	150	0	140	140	0	10	10		
Gardening	0	05	05	0	05	05	0	0	0		
		Level of the o water table:	Ground	Pre monsooi	n 5 m bgl and p	oost mons	oon 34 m.				
		Size and no c tank(s) and Quantity:	of RWH	NA							
		Location of t tank(s):	he RWH	NA							
34.Rain V Harvestin	Water ng	Quantity of r pits:	echarge	5							
(RWH)		Size of recha :	rge pits	3m X 3m X 3	3m Depth						
		Budgetary al (Capital cost	location ) :	Rs.175000/-							
		Budgetary al (O & M cost)	location :	Rs.15000/- p	oer year						
		Details of UG	T tanks	RS.15000/- per year							
		if any :		Not Applical	016						

age or or ane sig			Signature: Name: Dr. Umakan Ganpetreo Dangat
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	Natural water drainage pattern:	Slope towards north to south, Storm water drain will be constructed around the plant area
drainage	Quantity of storm water:	NA
	Size of SWD:	NA
	•	
	Sewage generation in KLD:	16
	STP technology:	Septic Tank followed by soak pit Packaged type SW of 20 m3/day is proposed.
Sewage and	Capacity of STP (CMD):	1 No. 20 m3/day Capacity.
Waste water	Location & area of the STP:	Septic tank and soak pit will be in plot area
	Budgetary allocation (Capital cost):	Rs.25 Lacs
	Budgetary allocation (O & M cost):	Rs.3.0 Lacs/year
	36.Soli	d waste Management
Waste generation in	Waste generation:	NA
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	NA
	Dry waste:	Slag
	Wet waste:	NA
Waste generation	Hazardous waste:	Used Oil
in the operation Phase:	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Yes
	Others if any:	NA
	Dry waste:	Slag crusher will be installed to crush slag and to recover the Iron particles for reuse in Induction Furnace. Crushed slag will be used for hardening of working area, making of internal roads in plant and or nearby villages.
	Wet waste:	NA
Mode of Disposal	Hazardous waste:	Used oil will be sold to authorized recycler vendor
of waste:	Biomedical waste (If applicable):	NA
2.	STP Sludge (Dry sludge):	Sludge will be used as manure for greenbelt development.
	Others if any:	NA



Area		Location(s):			About 500 sq mt area is identified for storing slag within the plant boundary. No machineries are required to dispose of this industrial solid waste. Slag crusher will be installed to crush slag and to recover the Iron particles for reuse in Induction Furnace. Crushed slag will be used for hardening of working area, making of internal roads in plant and or nearby villages.						
requirem		Area for th of waste & material:	Area for the stora of waste & other material:		NA	NA					
		Area for m	achine	ery:	NA						
Budgetary	allocation	Capital cos	st:		NA						
O&M cost)	:	O & M cos	t:		NA						
			37	7.Ef	fluent C	hare	cter	estics			6
Serial Number	Paran	neters	Un	it	Inlet E Charect	ffluer eresti	it cs	Outlet I Charect	Effluent erestics	;	Effluent discharge standards (MPCB)
1	N	ſΑ	NA	Į	N	A		N	A		NA
Amount of e (CMD):	effluent gene	eration	10							3	
Capacity of	the ETP:		15 KL	15 KLD							
Amount of t recycled :	reated efflue	ent	10								
Amount of v	vater send to	o the CETP:	NA								
Membershi	ership of CETP (if require): NA										
Note on ET	P technology	v to be used	NA								
Disposal of	the ETP sluc	lge	NA								
			38	B.Ha	zardous	Was	te D	etails			
Serial Number	Descr	iption	Ca	t	UOM	Exis	ting	Proposed	Tota	1	Method of Disposal
1	Used	d Oil	5,1	1	lit/m	(	)	200	200		by sale to authorised re processor
			3	9.St	acks em	issio	n Do	etails			
Serial Number	Section	& units	Fu	el Us Quai	ed with ntity	Stacl	« No.	Height from ground level (m)	Intern diame (m)	al ter	Temp. of Exhaust Gases
1	Induction	ı Furnace		Elect	ctricity 1 no. 30 1.6 50 deg C						50 deg C
			40	.De	tails of F	uel	to be	e used			
Serial Number	Тур	e of Fuel	Existing Proposed Total					Total			
1	El	ectricity									
41.Source of	f Fuel			Elect	ricity from S	tate El	ectric	ity Board.			
42.Mode of	Transportat	ion of fuel to	site	Elect	ricity form tr	ransmi	ssion l	line.			

age of the			Signature:
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		Total RG an	rea :	6000 m2							
		No of trees :	to be cut	None							
43.Gree	n Belt	Number of be planted	trees to :	Approximately 1000 trees will be planted in consultation with the local Forest Department, at present 380 nos. of plants are planted.							
Development         List of proposed native trees :         Ashoka, Neem, Coconuts, Palash, Gulmohar, Mango.											
		Timeline fo completion plantation	or of :	NA							
	44.Number and list of trees species to be planted in the ground										
Serial Number	Name of	the plant	Commo	n Name	Quar	ntity	Characteristics & ecological importance				
1	Saraca	a Asoca	Ash	ioka	20	0	Large tree, good for roadside plantation.				
2	Azardirac	hta indica	Ne	em	20	0	Shady tree , deciduous				
3	Ficus	Ficus retusa Nano		druk	10	0	Shady green, good for roadside plantation.				
4	Butea monosperma Pal		ash	150		Medium sized deciduous tree. beautiful flowers tree					
5	Deloni	x regia	Gulm	ıohar	150		Deciduous, large tree with beautiful flowers				
6	Mangife	ra indica	Ma	ngo	20	0	Large tree, good for roadside plantation.				
7	Cocos r	nucifera	Coc	onut	50	)	large tree, long-lived tree.				
45	5.Total qua	ntity of plan	ts on grou	nd							
<b>46.Num</b>	nber and	list of sh	rubs an	d bushes	s species	to be pla	anted in the podium RG:				
Serial Number		Name		C/C Dista	nce		Area m2				
1		NA		NA			NA				
			(	47.E	nergy						
	Si	Col									



		Source	e of power	Maharashti	ra Stat	e Electricity	Board		
		Supply During Phase:	: Construction (Demand	100 KVA					
DC ba co		DG set back-u constru	as Power p during uction phase	NA					
		During phase load):	Operation (Connected	7 MW					
Pov require	ver ement:	During phase load):	Operation (Demand	10 MW					Ć
		Transf	ormer:	NA					
		DG set back-u operati	as Power p during ion phase:	500 Kva					10
		Fuel us	sed:	Electricity					
Details of high tension line passing through the plot if				No			~		
		<b>48.</b> F	Energy savi	na po no	n-co	nvention	al m	etho	od:
NA			g_j ====	- <b>9</b> - 9 0					
49.Detail calculations & % of saving:									
Serial Number	Serial Number         Energy Conservation Measures         Saving %						aving %		
1			NA		*				NA
			50.Details	of pollut	ion c	ontrol S	yste	ms	
Source	Ex	isting p	ollution contro	l system			Pro	posed	to be installed
Induction Furnace			NA	Bag filters followed by Stack to control source emission					
Budgetary	allocation	Capita	l cost:	NA					
(Capital O&M	cost and cost):	0 & M	cost:	NA					
51	.Envir	onme	ental Man	ageme	ent i	olan Bı	ıdg	eta	ry Allocation
			a) Construc	tion pha	ase (v	with Bre	ak-u	p):	5
Serial Number	Attri	butes	Parar	neter		Total	Cost p	er an	num (Rs. In Lacs)
1	Air Po	llution	Particula	te matter				Rs.1.5	5 lacs
			b) Operati	ion Phas	e (w	ith Brea	k-up	):	
Serial Number	Comp	onent	Descr	iption	Сар	ital cost Rs Lacs	. In	Ope	erational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control Sprinkler Sta			er, Wet r, Water r System, ack	40			4	
2	Water F Con	ollution trol	ST	ГР		25			3.5
2     Control     SIF     23     3.5       Abhay Pimparkar (Secretary SEAC-I)     SEAC Meeting No: 158th (B) ,Day-2 Meeting Date: Innuary 3, 2019     Page 7 of 82     Signature: Innuary SEAC-ID							Signature: Name: Dr. Umakant Gangetreo Dangat Dr. Umakant Dangat (Chairman SEAC-I)		

3	Solid Manag	Waste gement	Slag C Handli Disp	rusher, ng and 15 osing					2.5			
4	Gree	nbelt	Plant	ation		5		0.50				
5	Enviroi Moni	nmental toring	Air quality, Wastewat Noise le qua	, Water and ter Quality, evels, Soil ality			4					
51.S	torage	of ch	emicals	(infl sub	amab stanc	le/expl es)	osiv	/haz	zardou	s/toxic		
		I		Jun	otune	Marimum						
Descri	ption	Status	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		
NA	ł	NA	NA		NA	NA		NA	NA	NA		
			52.A	ny Ot	her Inf	ormatior						
No Informa	tion Availab	le						5				
	53.					gement						
	Nos. of the junction to the main road & design of confluence:				oposed site Far Road.	e is located a	bout 5	00 m awa	ay form Hig	hway of 15m.		
		Number basemen	and area of t:	NA								
		Number podia:	and area of	NA								
		Total Par	king area:	2000 S	q.m.							
		Area per	car:	NA								
		Area per	car:	NA								
Parking	details:	Number Wheelers approved competer authority	of 2- as by nt ':	NA								
Number of 4- Wheelers as approved by competent authority:												
		Public Ti	ansport:	10 to 1 unit for	5 trucks/d transport	ay will be op ation of raw	erated mater	after cor ial and fii	nmissioning 1ished prod	of proposed uct.		
		Width of roads (m	all Internal ):	NA								
		CRZ/ RRZ obtain, if	Z clearance any:	NA								



	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	The project falls under the Category 'B2' according to the Office Memorandum No. J-13012/12/2013-IA-II (I) dated 24th December 2013
	Court cases pending if any	No
	Other Relevant Informations	This is B2 category Project, and we presented our project in 83rd Meeting of SEIAA, Maharashtra on 18-19 March 2015. MoM is enclosed with compliance. We have paid Rs.100000/- as a scrutiny fees to SEAC/SEIAA. We are ready to pay additional fees of Rs.50000/- as per OM dated 06/06/2018.
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	Not Applicable	
Water Budget	Not Applicable	
Waste Water Treatment	Not Applicable	
Drainage pattern of the project	Not Applicable	
Ground water parameters	Not Applicable	
Solid Waste Management	Not Applicable	
Air Quality & Noise Level issues	Not Applicable	
Energy Management	Not Applicable	
Traffic circulation system and risk assessment	Not Applicable	
Landscape Plan	Not Applicable	
Disaster management system and risk assessment	Not Applicable	
Socioeconomic impact assessment	Not Applicable	
Environmental Management Plan	Not Applicable	
Any other issues related to environmental sustainability	Not Applicable	

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# Brief information of the project by SEAC

During deliberations, PP informed that their proposal was recommended by earlier SEAC-1 in their 95th meeting held on 30th to 31st January, 2015. The proposal was also considered by the SEIAA in their 83rd meeting held on 18th to 19th March, 2015 wherein the proposal was deferred for compliance. PP submitted their compliance to the SEIAA vide letter dated 24th March, 2016.

### **DECISION OF SEAC**

In view of above, SEAC decided to transfer the proposal to the SEIAA for further necessary action.

**Specific Conditions by SEAC:** 

# FINAL RECOMMENDATION

Kindly find SEAC decision above.

Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 158th (B) ,Day-2 Meeting Date: January 3, 2019 Page 10 of 82 Signature: Name: Dr. Umakant Gângetreo Dangat Dr. Umakant Dangat (Chairman SEAC-I)

### 158th (B) Meeting of State Level Expert Appraisal Committee (SEAC-1)

### SEAC Meeting number: 158th (B) ,Day-2 Meeting Date January 3, 2019

**Subject:** Environment Clearance for Proposed Establishment of Synthetic Organic Chemicals Manufacturing Unit at Plot No. A-1/1, MIDC Lote Parshuram, Dist. Ratnagiri, 415722 by Dow Chemical International Limited.

Is a Violation Case: No

1.Name of Project	Proposed Establishment of Synthetic Organic Chemicals Manufacturing Unit at Plot No. A-1/1, MIDC Lote Parshuram, Dist. Ratnagiri, 415722 by Dow Chemical International Limited.				
2.Type of institution	Private				
<b>3.Name of Project Proponent</b>	Dow Chemical International Private Limited				
4.Name of Consultant	Aditya Environmental Services Private limited				
5.Type of project	Industrial project				
6.New project/expansion in existing project/modernization/diversification in existing project	New project. Proposed project will be establish within existing facility.				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable				
8.Location of the project	Plot No. A-1/1, MIDC Lote Parshuram, Dist. Ratnagiri, 415722				
9.Taluka	Khed				
10.Village	Lote				
Correspondence Name:	Subhash Mukadam				
Room Number:	Plot No. A-1/1, MIDC, Lote Parshuram				
Floor:					
Building Name:					
Road/Street Name:					
Locality:	MIDC Lote Parshuram				
City:	Ratnagiri				
11.Area of the project	MIDC				
	MIDC				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number:				
	Approved Built-up Area: 18049.25				
13.Note on the initiated work (If applicable)	Proposed project will be established within existing facility.				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable				
15.Total Plot Area (sq. m.)	128674				
16.Deductions	Not applicable				
17.Net Plot area	Not applicable				
	a) FSI area (sq. m.): 1740				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.):				
	c) Total BUA area (sq. m.): 19789.25				
	Approved FSI area (sq. m.): Not applicable				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): Not applicable				
Don	Date of Approval: 27-10-2018				
19.Total ground coverage (m2)	Not applicable				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable				
21.Estimated cost of the project	62500000				

### 22.Number of buildings & its configuration

	at
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Serial number	Buildin	ıg Name & ı	g Name & number Number of floors Height of the building (Mr								
1	1	Not applicabl	ot applicable Not applicable Not applicable								
23.Number tenants an	r of d shops	Not applica	Not applicable								
24.Number expected r users	r of esidents /	Not applica	Not applicable								
25.Tenant per hectar	<b>density</b> e	Not applica	Not applicable								
26.Height building(s)	of the )										
27.Right o (Width of t from the n station to t proposed h	f way the road earest fire the puilding(s)	Min 6 m	/in 6 m								
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	Min 9 m									
29.Existing structure	J (s) if any	Yes, existing plant building									
30.Details demolition disposal (I applicable	of the with f	Not applica	ble								
			31.P	roduct	tion Details						
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)					
1	Formulat	ed polyol	10000	0 TPA	0	100000 TPA					
2	Pre-po	olymer		C	100000 TPA	100000 TPA					
	32.Total Water Requirement										
	Si	C	Y								



		Source of wa	ter	MIDC								
		Fresh water	(CMD):	Not applicable								
		Recycled wat Flushing (CM	er - 1D):	Not applical	Not applicable							
		Recycled wat Gardening (C	er - CMD):	40	40							
		Swimming po make up (Cu	ool m):	Not applical	ole							
Dry season:		Total Water Requirement :	(CMD)	106 cmd								
		Fire fighting Underground tank(CMD):	- I water	Not applical	ble			-6				
		Fire fighting Overhead wa tank(CMD):	- ter	Not applical	ble			8				
		Excess treate	ed water	Not applicat	ole							
		Source of wa	ter	MIDC								
		Fresh water	(CMD):	Not applical	ole							
	Recycled water - Flushing (CMD):		Not applical	ole								
Recycled water - Gardening (CMD):Swimming pool make up (Cum):Wet season:Total Water Requirement (CMD) :Fire fighting - Underground water tank(CMD):		er - CMD):	Not applicable									
		Not applicable										
		106 cmd										
		Fire fighting - Underground water tank(CMD):		Not applicable								
		Fire fighting Overhead wa tank(CMD):	ter	Not applicable								
		Excess treate	d water	Not applicable								
Details of pool (If an	Swimming y)	Not applicable	<b>)</b>									
		33.	.Detail	s of Tota	l water co	nsume	dl					
Particula rs	Cons	umption (CM	D)	I	Loss (CMD)		Efi	luent (CMD)				
Water Require	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	21	21	42	1	1	2	20	20	40			
Industrial Process	14	0	14	14	0	14	0	0	0			
Cooling												
tower & thermopa ck	0	0	0	0	0	0	0	0	0			
Gardening	50	0	50	50	0	50	0	0	0			

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	-	_						
	Level of the Ground water table:	2 to 5 m pre- monsoon						
	Size and no of RWH tank(s) and Quantity:	50 KL rain water storage tank						
	Location of the RWH tank(s):	South- west side of plot						
34.Rain Water Harvesting	Quantity of recharge pits:							
(RWH)	Size of recharge pits :							
	Budgetary allocation (Capital cost) :	15 Lakhs	6					
	Budgetary allocation (O & M cost) :	0.5 Lakhs	~~~~~					
	Details of UGT tanks if any :	RWH tank						
	Natural water drainage pattern:	East to West						
drainage	Quantity of storm water:	1.732 cu.m per sec	1.732 cu.m per sec					
	Size of SWD:	Top 2 m x Bottom 0.8 m x Heig	ght 1.3 m					
	Sewage generation in KLD:	40						
	STP technology:	Biological treatment- MBBR						
Sowago and	Capacity of STP (CMD):	5						
Waste water	Location & area of the STP:	South west corner of plot, Are	a 450 sq.m					
	Budgetary allocation (Capital cost):	25 Lakhs						
	Budgetary allocation (O & M cost):	2 Lakhs per Annum						
	36.Soli	d waste Managen	nent					
Waste generation in	Waste generation:	Minor quantity of debris/ Dem	olition waste					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Debris/ Demolition waste will be reused for leveling of plot.						
	Dry waste:	Wooden, M.S., Aluminium Plastic, Foam and paper scrap- 500 TPA, STP sludge- 1 TPA, Non-contaminated drums and carboys (20 lit to 200 Lit capacity)- 12,000 Nos/month						
	Wet waste:							
Waste generation in the operation Phase:	Hazardous waste:	Used/Spent oil, Waste/residues (Not made with vegetable oil or mate), Rejected & Off specification Products from process and lab, Discarded containers /barrels /liners, Filters and filter material which have organic liquid / Contaminated cotton waste, used hand gloves						
	Biomedical waste (If applicable):							
	STP Sludge (Dry sludge):	1 TPA	1 TPA					
	Others if any:							
Abhay Pimparkar (Secre SEAC-I)	etary SEAC Meeting I Date	No: 158th (B) ,Day-2 Meeting 2: January 3, 2019	Page 14Dr. Umakant Dangatof 82(Chairman SEAC-I)					

		Dry waste:	Dry waste: Recycling or sale to authorized party.								
		Wet waste	•								
		Hazardous	waste:	Hazardous	waste will be	e disposed of	f as per haza	ardous waste rule, 2016			
Mode of a of waste:	Iode of DisposalBiomedical wastef waste:applicable):		l waste (If ):								
		STP Sludg sludge):	e (Dry	STP sludge	STP sludge will be use as manure.						
		Others if a	ny:								
		Location(s	;):	within plot							
Area requirem	Area for the stora of waste & other material:		ne storage : other								
		Area for m	achinery:								
Budgetary	allocation	Capital co	st:	5 Lakhs				6			
O&M cost)	st and	O & M cos	t:	50 lakhs pe	r Annum						
		I	37.Ef	fluent Cl	harecter	estics		7			
Serial Number	Parameters		Unit	Inlet E Charect	ffluent erestics	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)			
1	Suspend (Domestic	ed solids c sewage)	mg/l	20	00	<100		100			
2	2 BOD (Domestic sewage)		mg/l	20	00	<1	00	100			
Amount of effluent generation 40 cmd of 1				Oomestic sew	vage Existing	g + Proposed	.)				
Capacity of the ETP: 40 cmd (Ex				isting + Prop	oosed)						
Amount of treated effluent 40 cmd (Ex				isting + Prop	oosed)						
Amount of v	vater send to	o the CETP:	Not applica	ble.							
Membershi	p of CETP (if	f require):									
Note on ET	P technology	to be used	As per Pre-feasibility report. (No trade effluent generated). Sewage will be treated at STP.								
Disposal of	the ETP sluc	lge	Not applica	ble							
		~	<b>38.</b> Ha	zardous	Waste D	etails					
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal			
1	Used/S	pent oil	5.1	KL/A	2	2	4	Sale to authorised recyclers			
2	Waste/rest made with oil or	idues (Not vegetable mate)	23.1	TPA	100	100	200	To CHWTSDF			
3	Rejecte specificatio from proce	d & Off on Products ess and lab	23.1	TPA	0	50	50	To CHWTSDF			
4	Discarded /barrels	containers s /liners	33.3	Nos./ month	4000	6000	10000	Sale to authorised party			

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5	Filters a material v organic Contamina waste, u glo	and filter which have c liquid / ated cotton used hand oves		5.1	TPA	2		5	7	To CHWTSDF
			3	89.St	acks em	issio	n De	etails		
Serial Number	Section	ion & units		Fuel Used with Quantity		Stack	No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Process v (exis	vent / ELV sting)		Ν	A	1		22	0.8	Ambient temp
2	DG set ( (exis	500 KVA) sting)		HS	SD	2		6 m above roof	0.1524	150
3	DG set (5 (Propos	500 KVA ) sed new)		HS	SD	2		6 m above roof	0.1524	150
			4	0.De	tails of <b>F</b>	uel t	to be	e used		<b>Y</b>
Serial Number	Тур	oe of Fuel			Existing			Proposed		Total
1		HSD			100 Lit/Hr			100 Lit/ Hr	3	200 Lit/ Hr
41.Source of	of Fuel		local							
42.Mode of	de of Transportation of fuel to site B				ad		0			
	Total RG area :				45504.74					
		No of trees	s to be	e cut	Not applica	ot applicable				
43.Gree	n Belt	Number of be planted	f trees	Green belt area is already developed on site.						
Develop	ment	List of prog native tree	posed s :	osed Refer below details						
		Timeline for completion plantation	or 1 of :							
	<b>44.Nu</b>	mber and	l list	t of t	rees spe	cies	to b	e planteo	l in the g	ground
Serial Number	Name of	the plant	Co	ommo	n Name		Quantity		Characte	eristics & ecological importance
1	Deloni	x regia		Gulm	iohar		100	nos.	]	Local species
2	Mangife	ra indica		Mang	o, aam		1000	nos.	Local species	
3	Pongami	a pinnata	Pong	yam Tı	ree, Karanj		200	nos.	]	Local species
4	Ficus be	ngalensis	Ba	anyan	tree, Vat		10 1	105.	]	Local species
5	Eucaly	ptus sp		Nil	giri		500	nos.	]	Local species
6	Other	species	(	Other s	species		190	nos.	]	Local species
45	5.Total qua	ntity of plan	ts on	grou	nd					
46.Nun	nber and	list of sl	nrub	s an	d bushes	s spe	cies	to be pla	anted in	the podium RG:
Serial Number		Name			C/C Dista	nce			Area	a m2
1								-		

age of the ser			Signature:
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	47.Energy							
		Source of power supply :	MSEDCL					
		During Construction Phase: (Demand Load)	2000 kw					
		DG set as Power back-up during construction phase	2 DG sets (500 KVA	A each, exis	sting and proposed)			
Dov	10 K	During Operation phase (Connected load):	2000 kw					
requirement:		During Operation phase (Demand load):	2000 kw		00			
		Transformer:						
		DG set as Power back-up during operation phase:	2 DG sets (500 KVA	sting and proposed)				
		Fuel used:	HSD for DG set					
		Details of high tension line passing through the plot if any:	No HT line passing through plot.					
48.Energy saving by non-conventional method:								
It is proposed to install 2000 KW solar energy panels (on BOT basis).								
49.Detail calculations & % of saving:								
Serial Number	E	nergy Conservation M	easures		Saving %			
1		Solar panel installati	ion		25%			
		50.Details	of pollution c	ontrol S	Systems			
Source	I	Existing pollution contr	ol system Proposed to be installed					
Process vent (existing)	;	Stack						
DG set (500 KVA) existing		Stack						
DG set (500 KVA) (proposed)				Stack				
Sewage effluent	2	STP			STP			
Noise		PPE, acoustic enclo	sure		PPE, acoustic enclosure			
Solid and hazardous waste management	Disp	osal to CHWTSDF / Recyc authorized party	cling or sale to y	Dispo	osal to CHWTSDF / Recycling or sa authorized party	le to		
Budgetary	allocation	Capital cost:						
(Capital o O&M o	cost and cost):	O & M cost:						
51	Envir	onmental Mar	nagement p	lan Bı	udgetary Allocatio	n		
Abhay Pimparkar (Secretary SEAC Meeting No: 158th (B) ,Day-2 Meeting Date: January 3, 2019     Page 17     Signature: Junuary 1					o Dangai t			

	a) Construction phase (with Break-up):									
Serial Number	Attı	Attributes		meter		Total (	Cost p	er annu	m (Rs. In I	.acs)
1										
			b) Operat	ion Phas	se (wi	th Breal	k-up	):		
Serial Number	Com	ponent	Descr	iption	Capital cost Rs. In Lacs			Operational and Maintenance cost (Rs. in Lacs/yr)		
1		Air	Air polluti	ion control		1				
2	Mor	nitoring	Enviror moni	nmental toring					1	
3	W	Vater	Water p con	oollution atrol		25			2	
4	Soli	d waste	Hazardou Solid manag	is waste & waste gement		5			50	9
5	Gre	en belt	Gree: develo	n Belt opment		2			1	
6	Health	and safety	Occupation saf	al health & fety			C		2	
7	Other gre	een initiative	e Rain Water	Harvesting		15		1		
8	Other gro	een initiative	e Solar Powe BOT	er/ LED (on basis)						
51.S	51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)									
Descri	ption	Status	Locatio	n St Ca i	corage apacity n MT	Maximum Quantity of Storage at any point of time in MT	Cons / M	umption onth in MT	Source of Supply	Means of transportation
Base P (PECFLEX Polyol/ SPI NC 700	olyol * NC 632 ECFLEX* Polyol)	Existing	within pl	ot	240	240	900	000 TPA	Imported	Tanker
MDI (Polym	eric MDI)	Proposed	within pl	ot	120	120	500	00 TPA	Imported	Container
MDI (Monon	neric MDI)	Proposed	within pl	ot	120	120	200	00 TPA	Imported	Container
Base P (PECFLEX Polyol/ SPI NC 700	olyol * NC 632 ECFLEX* Polyol)	Proposed	within pl	ot	240	240	250	000 TPA	Imported	Tanker
			52.A	ny Othe	r Info	rmation	1			
No Informa	tion Availa	ble								
			53.	Traffic N	<b>I</b> ana	gement				
	Solution     Solution       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:	13720.46 sq.m
	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
	<b>Public Transport:</b>	Not applicable
	Width of all Internal roads (m):	Min 6 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	5 (f)
	Court cases pending if any	Not applicable
Si	Other Relevant Informations	The proposed project of Dow Chemical International Private Limited at Plot No. A-1/1, MIDC Lote Parshuram falls under Schedule 5(f) category (B) as per EIA notification of September 2006 and will require prior Environment clearance. We wish to inform that we have Baseline monitoring data of summer 2018 (Mar, Apr, and May- 2018) for same MIDC Lote- Parshuram. As per MoEF & CC OM No. J-11013/41/2006-IA- II (I) (Part) dated 29th August 2017, Point No. ix- "The Already collected baseline data may be re-used, provided it is not more than 3 years old and duly recommended by EAC/SEAC in their due diligence." In view of above, we request SEAC-I committee to consider our submission and permit us to reuse baseline data collected during Summer 2018 while preparing EIA/ EMP report for proposed project of Dow Chemical International Private Limited at Plot No. A-1/1, MIDC Lote Parshuram.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	26-10-2018
SEAC	DISCUSSION	<b>ON ENVIRONMENTAL ASPECTS</b>



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

# Brief information of the project by SEAC

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

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

# **DECISION OF SEAC**

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

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

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

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

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

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

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

3) PP to submit an undertaking for not violating any requirement of EIA Notification, 2006 with special mention for not applicability of EC for existing activities being carried out on site.

4) PP to submit copies of Joint Vigilance Sampling analysis reports of Air and Water samples for last six months.5) PP to carry out life cycle analysis of the activities carried out on site with respect to the sustainability index, green house and ozone depletion potential etc

6) PP to include detailed material balance charts for each product showing consumption of raw material, sources of pollution (generation of waste water, solid and hazardous wastes, air emissions etc.) and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.

7) PP to submit copy of structural stability certificate of the buildings exists on site with respect to the propsoed expansion and its load bearing capaicty.

8) PP to submit copy of water supply permission obtained from MIDC.

9) PP to include existing nallh water sampling in the base line data. PP also to calculate 10 KM radius from the site and add air, water, soil, noise sampling in the baseline data. PP to collect the same after grant of ToR.

 ${\bf 10)} \ {\rm PP}$  to carry out HAZOP and QRA and submit Disaster Management Plan.

11) PP to submit hazardous chemical handling protocol

12) PP to include SOP prepared for the decontamination of the discarded containers in the EIA report.

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

14) PP to submit design details of upgradation of proposed STP.

**15)** PP to provide solar energy for the illumination of office building and street lights.

**16)** PP to provide lightening arrestor.

### FINAL RECOMMENDATION

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

agenoraties?			Signature: Name: Dr. Umakant Gangetrao Dangai
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158th (B) Meetin	g of State Level Expert Appraisal Committee (SEAC-1)							
SEAC Meeting	number: 158th (B) ,Day-2 Meeting Date January 3, 2019							
Subject: Environment Clearance for	r Dahigaon Lift Irrigation Scheme , Tal Karmala, District Solapur							
Is a Violation Case: No								
1 Nome of Project	Dehigeon Lift Invigation Cohome Tel Konnels District Colonum							
2. Type of institution	Covortment							
2. Type of institution								
3.Name of Project Proponent	Executive Engineer, Solapur Irrigation Division, Solapur							
4.Name of Consultant	Ultratech Environment Consultancy and Laboratory							
5. Type of project	Irrigation Project : CCA; 13325 ha and ICA 10500 ha							
6.New project/expansion in existing project/modernization/diversification in existing project	New							
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not any							
8.Location of the project	Dahigaon							
9.Taluka	karmala							
10.Village	Dahigaon							
<b>Correspondence Name:</b>	Sichan seva Bhavan opposite officers clubnear gurunanak chowck solapur							
Room Number:	0							
Floor:	0							
Building Name:	Sichan seva Bhavan							
Road/Street Name:	Near Gurunanak Bhavan							
Locality:	Opposite officers club							
City:	solapur							
11.Area of the project	Not applicable							
	MKVDC No. 296/148(1996) dated 10.10.1996							
12.10D/10A/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: MKVDC No. 296/148(1996) dated 10.10.1996							
	Approved Built-up Area:							
13.Note on the initiated work (If applicable)	initiated							
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	0							
15.Total Plot Area (sq. m.)	Not applicable							
16.Deductions	Not applicable							
17.Net Plot area	Not applicable							
	a) FSI area (sq. m.): Not applicable							
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable							
	c) Total BUA area (sq. m.):							
	Approved FSI area (sq. m.): Not applicable							
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): Not applicable							
Dom	Date of Approval: 10-10-1996							
19.Total ground coverage (m2)	Not applicable							
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable							
21.Estimated cost of the project	576644000							
22.Num	ber of buildings & its configuration							
Serial number Building Name &	number Number of floors Height of the building (Mtrs)							

2 20 These			Signa
CLOPK 2			Name
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ature: ne: Dr. Umakant Gangatreo Dangat Umakant Dangat airman SEAC-I)

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1	Ν	Not applicabl	е	N	ot applicable	Not applicable				
23.Number of tenants and shops Not applicable										
24.Number expected r users	r of esidents /	Not applica	Not applicable							
25.Tenant per hectar	density e	Not applica	ble							
26.Height building(s)	of the )									
27.Right o (Width of the from	f way the road earest fire the building(s)	Not any				6				
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius ccess of from all building the width ntation	Not applica	ble			10010				
29.Existing structure (	J (s) if any	Not applica	ble							
30.Details of the demolition with disposal (If applicable)		Not applica	ble		000					
	_		31.P	roducti	on Details					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)				
1	Not apj	plicable	Not apj	plicable	Not applicable	Not applicable				
		3	2.Tota	l Water	Requireme	nt				
		Source of	water	Ujani Dam						
		Fresh wate	er (CMD):	1.81TMC						
		Recycled w Flushing (	vater - CMD):	Not applicable						
		Recycled w Gardening	vater - (CMD):	Not applicable						
	c V	Swimming make up (	pool Cum):	Not applicable						
Dry season		Total Wate Requireme :	er ent (CMD)	Not applicable						
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	Not applicab	le					
		Fire fightin Overhead tank(CMD)	ng - water ):	Not applicab	le					
		Excess trea	ated water	Not applicab	le					

SEAC Departing No. 15000 (D), Days Meeting No. 15000 (D),	Abhay Pimparkar (Secretary	SEAC Meeting No: 158th (B) ,Day-2 Meeting	Page 23	Signature: Name: Dr. Umakant Gangatreo Dangat Dr. Umakant Dangat
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		Source of water		Not applicab	ole					
		Fresh water (	(CMD):	Not applicable						
		Recycled water - Flushing (CMD):		Not applicable						
		Recycled wat Gardening (C	er - CMD):	Not applicab	ole					
		Swimming po make up (Cur	ool m):	Not applicab	ole					
Wet seasor	1:	Total Water Requirement :	(CMD)	Not applicab	ble					
		Fire fighting Underground tank(CMD):	- l water	Not applicab	ble			-6		
		Fire fighting Overhead wat tank(CMD):	- ter	Not applicab	ble			8		
		Excess treate	ed water	Not applicab	ole					
Details of S pool (If any	Swimming y)	Not applicable	;			C				
		33.	Detail	s of Total	water con	nsume	1			
Particula rs	Cons	sumption (CM	D)	I	loss (CMD)	5	Effluent (CMD)			
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 ( water table:	Ground	Not applicat	ble					
		Level of the ( water table: Size and no o tank(s) and Quantity:	Ground of RWH	Not applicat	ble					
		Level of the ( water table: Size and no o tank(s) and Quantity: Location of the tank(s):	Ground of RWH he RWH	Not applicat Not applicat	ole ole ole					
34.Rain V Harvestir	Vater 1g	Level of the G water table: Size and no o tank(s) and Quantity: Location of the tank(s): Quantity of re- pits:	Ground of RWH he RWH echarge	Not applicat Not applicat Not applicat	ole ole ole					
34.Rain V Harvestir (RWH)	Vater 1g	Level of the G water table: Size and no of tank(s) and Quantity: Location of the tank(s): Quantity of re- pits: Size of rechands:	Ground of RWH he RWH echarge rge pits	Not applicat Not applicat Not applicat Not applicat	ole ole ole ole					
34.Rain V Harvestir (RWH)	Vater 1g	Level of the ( water table: Size and no of tank(s) and Quantity: Location of the tank(s): Quantity of re- pits: Size of rechands: Budgetary all (Capital cost)	Ground of RWH he RWH echarge rge pits location ) :	Not applicat Not applicat Not applicat Not applicat Not applicat	ole ole ole ole ole					
34.Rain V Harvestir (RWH)	Water 1g	Level of the G water table: Size and no of tank(s) and Quantity: Location of the tank(s): Quantity of re- pits: Size of rechands: Budgetary all (Capital cost) Budgetary all (O & M cost)	Ground of RWH he RWH echarge rge pits location ) : location ;	Not applicat Not applicat Not applicat Not applicat Not applicat Not applicat	ole ole ole ole ole ole					
34.Rain V Harvestir (RWH)	Water 1g	Level of the G water table: Size and no of tank(s) and Quantity: Location of the tank(s): Quantity of re- pits: Size of rechands: Budgetary all (Capital cost) Budgetary all (O & M cost) Details of UG if any :	Ground of RWH he RWH echarge rge pits location ) location : T tanks	Not applicat Not applicat Not applicat Not applicat Not applicat Not applicat Not applicat	ole ole ole ole ole ole					
34.Rain V Harvestir (RWH)	Vater 1g	Level of the G water table: Size and no of tank(s) and Quantity: Location of the tank(s): Quantity of re- pits: Size of rechants: Budgetary all (Capital cost) Budgetary all (O & M cost) Details of UG if any :	Ground of RWH he RWH echarge rge pits location ) : location : T tanks	Not applicat Not applicat Not applicat Not applicat Not applicat Not applicat Not applicat	ole ole ole ole ole					
34.Rain V Harvestir (RWH)	Water 1g	Level of the G water table: Size and no of tank(s) and Quantity: Location of the tank(s): Quantity of re- pits: Size of rechants: Budgetary all (Capital cost) Budgetary all (O & M cost) Details of UG if any : Natural wate drainage path	Ground of RWH he RWH echarge rge pits location ) : location : T tanks r tern:	Not application Not application Not application Not application Not application Not application Not application NA	ble					
34.Rain V Harvestir (RWH) 35.Storm drainage	Vater ng	Level of the G water table: Size and no of tank(s) and Quantity: Location of the tank(s): Quantity of re- pits: Size of rechands: Budgetary all (Capital cost) Budgetary all (O & M cost) Details of UG if any : Natural wate drainage path	Ground of RWH he RWH echarge rge pits location ) : location : T tanks r tern: torm	Not application Not application Not application Not application Not application Not application NA	ole					

approverses			Signature: Name: Dr. Umakant Gåupetreo Dangat
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		Sewage ge in KLD:	neration	Not applicable					
		STP techn	ology:	Not applicable					
Seware	and	Capacity o (CMD):	f STP	Not applicable					
Waste w	ater	Location & the STP:	area of	Not applicable					
		Budgetary (Capital co	allocation ost):	Not applicable					
		Budgetary (O & M cos	allocation st):	Not applicable					
36.Solid waste Management									
Waste gen	eration in	Waste gen	eration:	Not applicable		8			
the Pre Co and Constr phase:	nstruction ruction	Disposal o constructi debris:	f the on waste	Not applicable					
		Dry waste:		Not applicable					
		Wet waste		Not applicable					
Waste ge	neration	Hazardous	waste:	Not applicable					
in the operation Phase:		Biomedica applicable	l waste (If ):	Not applicable					
		STP Sludg sludge):	e (Dry	Not applicable	<b>)</b>				
		Others if a	ny:	Not applicable					
		Dry waste:		Not applicable					
		Wet waste	•	Not applicable					
M.JCI	D' 1	Hazardous	waste:	Not applicable					
of waste:	Disposal	Biomedical waste (If applicable):		Not applicable					
		STP Sludge (Dry sludge):		Not applicable					
		Others if a	ny:	Not applicable					
		Location(s	):	Not applicable					
Area requirem	ent:	Area for the storage of waste & other material:		Not applicable					
		Area for m	achinery:	Not applicable					
Budgetary	allocation	Capital co	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	Effluent discharge standards (MPCB)				
1	N	IA	NA	NA	NA	NA			
Amount of e (CMD):	effluent gene	eration	Not applica	ble					
Capacity of	the ETP:		Not applica	ıble					

agen on the ser			Signature:
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Amount of treated effluent recycled :			Not applicable									
Amount of water send to the CETP: Not applic					Not applicable							
Membership of CETP (if require): Not applicable												
Note on ET	P technology	v to be used	Not a	pplica	ble							
Disposal of	the ETP slud	lge	Not a	pplica	ble							
	38.Hazardous Waste Details											
Serial Number	Descr	iption	Ca	at	UOM	Exis	ting	Proposed	Tot	al	Method of Disposal	
1	Not app	plicable	No applio	ot cable	Not applicable	No applio	ot cable	Not applicable	No applio	ot cable	Not applicable	
			3	9.St	acks em	issio	n De	etails			6	
Serial Number	Section	& units	Fu	ıel Us Quai	ed with ntity	Stack	s No.	Height from ground level (m)	Inter diam (m	rnal eter 1)	Temp. of Exhaust Gases	
1	Not app	plicable	N	lot app	olicable	No applio	ot cable	Not applicable	No applic	ot able	Not applicable	
40.Details of Fuel to be used												
Serial Number	Тур	e of Fuel			Existing			Proposed			Total	
1	Not applicable			Not applicable Not applicable				Not applicable				
41.Source o	f Fuel			Not applicable								
42.Mode of	Transportat	ion of fuel to	site	Not a	pplicable							
		-										
		Total RG a	rea :	rea : Plantation along the approach road								
		No of trees	s to be	e cut	0							
43.Gree	n Belt	Number of be planted	trees	trees to 0								
Develop	ment	List of pro native tree	posed s :	osed 0								
		Timeline for completion plantation	or 1 of :	r of 0								
	44.Nui	mber and	l list	of t	rees spe	cies	to b	e planteo	d in t	he g	ground	
Serial Number	Name of	the plant	Co	ommo	n Name		Qua	ntity	Cha	aracte	eristics & ecological importance	
1		)		0	)		(	)			0	
45	.Total quar	ntity of plan	ts on	grour	nd							
46.Num	ber and	list of sl	ırub	s an	d bushes	s spe	cies	to be pla	antec	l in	the podium RG:	
Serial Number		Name			C/C Dista	nce				Area	n m2	
1		0			0					(	)	
					<b>47.</b> Er	ıerg	Jy					

ager or aners			Signature: Name: Dr. Umakant Gangetreo Dangat
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		Source of supply :	power	MSCDCL					
		During Co Phase: (De Load)	nstruction emand	Not applica	ble				
DG bac con		DG set as back-up du constructi	Power 1ring on phase	Not applica	ble				
Dee		During Op phase (Cor load):	eration nnected	Not applica	ble				
require	ement:	During Op phase (De load):	eration mand	Not applica	ble				Ć
		Transform	er:	Not applica	ble				
		DG set as back-up du operation	Power ıring phase:	Not applica	ble				10
		Fuel used:		Not applica	ble				
		Details of tension lin through th any:	high le passing le plot if	Not applica	ble		5		
		48.Ene	ergy savi	ng by no	n-co	nvention	al m	etho	od:
Not applica	ble								
		4	9.Detail	calculati	ons	& % of s	avin	g:	
Serial Number	E	nergy Cons	ervation Mo	easures Saving %					
1			0						0
		50	.Details	of pollut	ion c	ontrol S	yste	ms	
Source	Ex	isting pollu	tion contro	ol system			Pro	posed	to be installed
Not applicable		Not	applicable		Not applicable				
Budgetary	allocation	Capital co	st:	NA					
0&M	cost):	O & M cos	t:	NA					
51	.Envir	onment	al Mar	nageme	ent j	plan Bu	ıdg	eta	ry Allocation
		a)	Construc	ction pha	se (	with Bre	ak-u	<b>p)</b> :	
Serial Number	Attri	butes	Para	meter		Total (	Cost p	er an	num (Rs. In Lacs)
1	Air Po	llution	Frequer sprin	nt water Ikling				1	.0
		b	) Operat	ion Phas	e (w	ith Brea	k-up	):	
Serial Number	Comp	onent	Descr	iption	Сар	ital cost Rs Lacs	. In	Ope	erational and Maintenance cost (Rs. in Lacs/yr)
1	Plant	tation	Tree Pl	antaion		23.76			2.0
2	Enviro Monit	onment toring	Water Ambient A and Eco Biodiv	quality, Air Quality logy and versity		10.0			0.50
Abhay Pimparkar (Secretary SEAC-I)			AC Meeting N Date	No: 158th (B) e: January 3, 2	,Day-2 2019	? Meeting	Pa	ge 27 of 82	Signature: Name: Dr. Umakant Gaugetreo Dangat Dr. Umakant Dangat (Chairman SEAC-I)

51.Storage of chemicals (inflamable/explosive/hazardous/tox substances)												
Description	Status	Location		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation				
NA	NA	NA		NA	NA	NA	NA	NA				
		52.A	ny Ot	her Info	rmation	1						
No Information Availab	ole						C					
		53.	Traffi	c Manag	gement			9				
	Nos. of t to the m design o confluer	the junction ain road & of nce:	Not ap	plicable								
	Number basemer	and area of nt:	Not ap	plicable								
	Number podia:	and area of	Not ap	plicable								
	Total Pa	rking area:	Not applicable									
	Area per	r car:	Not applicable									
Parking details:	Area per Number Wheeler approve competer authorit	Area per car: Number of 2- Wheelers as approved by competent		Not applicable								
	Number Wheeler approve compete authorit	Number of 4- Wheelers as approved by competent authority:		Not applicable								
	Public T	ransport:	Not applicable									
	Width o roads (n	f all Internal n):	Not applicable									
	CRZ/ RF obtain, i	RZ clearance if any:	Not ap	plicable								
Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries			Not applicable									
Category as per schedule of EIA Notification sheet			catageory B									
	Court ca if any	ises pending	Not ap	plicable								
	Other R Informa	elevant tions	NA									

agenorations			Signature: Name: Dr. Umakant Gangetrao Dangat
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	Have you previously submitted Application online on MOEF Website.	No						
	Date of online submission	-						
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS						
Environmental Impacts of the project	Not Applicable							
Water Budget	Not Applicable							
Waste Water Treatment	Not Applicable	6						
Drainage pattern of the project	Not Applicable							
Ground water parameters	Not Applicable							
Solid Waste Management	Not Applicable							
Air Quality & Noise Level issues	Not Applicable							
<b>Energy Management</b>	Not Applicable							
Traffic circulation system and risk assessment	Not Applicable							
Landscape Plan	Not Applicable							
Disaster management system and risk assessment	Not Applicable							
Socioeconomic impact assessment	Not Applicable							
Environmental Management Plan	Not Applicable							
Any other issues related to environmental sustainability	Not Applicable							
	Brief informa	tion of the project by SEAC						
DECISION OF SEAC								
During meeting	PP submitted let	tter requesting to postpone the presentation.						
In view of request received from the PP SEAC decided to defer the proposal.								
-results conditions b	FINAL	RECOMMENDATION						
	<b>FINAL</b>							
	SEAC-I decided to defe	r the proposal.Kindly find SEAC decision above.						



# 158th (B) Meeting of State Level Expert Appraisal Committee (SEAC-1) SEAC Meeting number: 158th (B) ,Day-2 Meeting Date January 3, 2019 Subject: Environment Clearance for Proposed Deori Navegaon Lift Irrigation Scheme Is a Violation Case: No I.Name of Project Proposed Deori Navegaon Lift Irrigation Scheme at Left Bank of Wainganga River, Near Villge Kinhi, Taluka Gondia, District Gondia MH 2.Type of institution Government AName of Project Proponent MEDIUM PROJECT DIVISION GONDIA, VIDC 4.Name of Consultant SMS Envocare Ltd. Pune 5.Type of project Not applicable 6.New project/expansion in existing project/modernization/diversification New Project

5.Type of project	Not applicable					
6.New project/expansion in existing project/modernization/diversification in existing project	New Project					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	New Project					
8.Location of the project	Left Bank of Wainganga River, Near Village Kinhi					
9.Taluka	Gondia					
10.Village	Near Village Kinhi					
Correspondence Name:	Premgir Kanhyagir Bodele					
Room Number:	Opposite Subhash Garden, Civil Lines, Gondia, Taluka - Gondia, District - Gondia					
Floor:	as above					
Building Name:	as above					
Road/Street Name:	as above					
Locality:	Opposite to Subhash Garden					
City:	Gondia					
11.Area of the project	Other area- Kinhi Village					
	Not applicable					
12.IOD/IOA/Concession/Plan Approval Number	<b>IOD/IOA/Concession/Plan Approval Number:</b> Administrative Approval granted dated 20.06.2017. MWRRA Approval granted on 12.11.2013					
	Approved Built-up Area:					
13.Note on the initiated work (If applicable)	No initial work initiated. Only geo-technical investigation coducted					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable					
15.Total Plot Area (sq. m.)	Not applicable					
16.Deductions	Not applicable					
17.Net Plot area	Not applicable					
	a) FSI area (sq. m.): Not applicable					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable					
	c) Total BUA area (sq. m.):					
	Approved FSI area (sq. m.): Not applicable					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): Not applicable					
	Date of Approval: 27-11-2018					
19.Total ground coverage (m2)	Not applicable					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable					
21.Estimated cost of the project	722200000					

# 22.Number of buildings & its configuration

Abbay Pimparkar (Secretary	SEAC Monting No: 158th (R) Day 2 Manting	Page 30	Signature:
Ability I impurkui (Secretury	SLAC Meeting No. 150th (D) ,Duy-2 Meeting	I uge 50	Dr. Omakant Dungat
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Serial number	Buildir	g Name & 1	number	Number of floors Height of the buildin					
1	1	Not applicabl	е	Not applicable					
23.Number tenants an	r of d shops	Not applica	Not applicable						
24.Number expected r users	r of esidents /	Not applica	ble						
25.Tenant per hectar	density e	Not applica	ble						
26.Height building(s)	of the )								
27.Right o (Width of the from	f way the road earest fire the ouilding(s)	Not applica	ble			86			
28.Turning for easy ac fire tender movement around the excluding for the pla	g radius ccess of from all building the width ntation	Not applica	ble			100×			
29.Existing structure	g (s) if any	Not applica	ble						
30.Details demolition disposal (I applicable	of the with f )	Not applica	ble						
			<b>31.</b> P	Product	tion Details				
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1 NA as this is irrigation NA as this project pro				is irrigation ject	NA as this is irrigation project	NA as this is irrigation project			
		3	32.Tota	l Wate	r Requiremer	nt			
	Si	C							



		Source of	water	Not applica	ble							
		Fresh wate	er (CMD):	Not applica	ble							
		Recycled w Flushing (	vater - CMD):	Not applica	ble							
Recycled water - Gardening (CMD):			Not applicable									
		Swimming make up (	pool Cum):	Not applica	ble							
Dry seasor	1:	Total Wate Requireme :	er ent (CMD)	Not applica	ble							
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	Not applica	ble			6				
		Fire fightin Overhead tank(CMD)	ng - water ):	Not applica	ble			8				
		Excess trea	ated water	Not applica	ble							
		Source of	water	Not applica	ble							
		Fresh wate	er (CMD):	Not applica	ble							
		Recycled w Flushing (	vater - CMD):	Not applicable								
		Recycled w Gardening	vater - (CMD):	Not applicable								
		Swimming make up (	pool Cum):	Not applicable								
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	Not applicable								
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	Not applicable								
		Fire fightin Overhead tank(CMD	ng - water ):	Not applicable								
		Excess trea	ated water	Not applica	ble							
Details of pool (If an	Swimming y)	Not applica	ble									
		3	3.Detail	s of Tota	l water o	onsume	d					
Particula rs	Cons	sumption (C	EMD)		Loss (CMD)		Ef	fluent (CM	D)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Fresh water requireme nt	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			

	Level of the Ground water table:	Not applicable							
	Size and no of RWH tank(s) and Quantity:	Not applicable							
	Location of the RWH tank(s):	Not applicable							
34.Rain Water Harvesting (RWH)	Quantity of recharge pits:	Not applicable							
	Size of recharge pits :	Not applicable							
	Budgetary allocation (Capital cost) :	Not applicable							
	Budgetary allocation (O & M cost) :	Not applicable	00						
	Details of UGT tanks if any :	Not applicable							
	Natural water drainage pattern:	Not applicable	00						
35.Storm water drainage	Quantity of storm water:	Not applicable							
	Size of SWD:	Not applicable							
	Sewage generation in KLD:	Not applicable							
	STP technology:	Not applicable							
Sowage and	Capacity of STP (CMD):	Not applicable							
Waste water	Location & area of the STP:	Not applicable							
	Budgetary allocation (Capital cost):	Not applicable							
	Budgetary allocation (O & M cost):	Not applicable							
	36.Soli	d waste Managen	nent						
Waste generation in	Waste generation:	Various construction sites would be properly leveled. The leveling of various construction sites shall be made mandatory for the contractor, involved in construction.							
and Construction phase:	Disposal of the construction waste debris:	The spoil material will be stored or dumped properly is safe place. The same will be used for filling and internal road development. Adequate facilities for collection, transportation and disposal shall be managed as per C&D Rule, 2016							
	Dry waste:	Not applicable as this is a Lift domestic waste shall be gener	irrigation Project. Small quantity of ated by operation staff.						
	Wet waste:	Not Applicable							
Waste generation	Hazardous waste:	Contaminated soil near DG set	s and fuel storage area shall be generate						
in the operation Phase:	Biomedical waste (If applicable):	Small amount of biomedical was construction period if case of a	aste may be generated during any accident of injury						
	STP Sludge (Dry sludge):	Not applicable	Not applicable						
	Others if any:	Not applicable							
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		Adequate facilities for collection of domestic waste during operation phase shall be provided for safe disposal.									
		Wet waste	:	Not applica	Not applicable						
Mode of Disposal Hazardous		waste:	Contaminat per Hazard Movement)	Contaminated soil shall be stored separately and will be managed as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016							
of waste:		Biomedica applicable	l waste (If ):	Shall be ma 2016 and a	naged as s per direc	per ctio	r New Biome on of MPCB	edical Waste	Management Rule,		
		STP Sludge sludge):	e (Dry	Not applica	ble						
		Others if a	ny:	Not applica	ble						
		Location(s	):	Adequate s same becor	Adequate space will be provided for storage of waste so handling of the same become easy						
Area requirem	ent:	Area for th of waste & material:	e storage other	As above	As above				80		
		Area for m	achinery:	Not applica	ble						
Budgetary	allocation	Capital cos	st:	Cost for the Environmen	e Solid Wa ntal Mana	ste gen	management ment Cost for	nt is included r the project	in proposed		
O&M cost): 0 & M cos			t:	O & M Cost Cost for the	t is also in e project	clu	ded in propo	osed Environi	nental Management		
37.Effluent Charecterestics											
Serial Number	Serial Number Parameters		Unit	Inlet Effluent Charecterestics			Outlet Effluent Charecterestics		Effluent discharge standards (MPCB)		
1	Not apj	plicable	Not applicable	ble Not applicable Not applicable Not applicable					Not applicable		
Amount of e (CMD):	effluent gene	eration	Not applic	able							
Capacity of	the ETP:		Not applic	able							
Amount of t recycled :	reated efflue	ent	Not applic	able							
Amount of v	vater send to	o the CETP:	Not applic	able							
Membership	o of CETP (if	require):	Not applic	able							
Note on ET	P technology	to be used	Not applic	able							
Disposal of	the ETP slud	lge	Not applic	able							
			<b>38.</b> H	azardous	Waste	D	etails				
Serial Number	Descr	iption	Cat	UOM	Existing	g	Proposed	Total	Method of Disposal		
1	No hazard	ous waste	NA	NA	NA		NA	NA	NA		
			<b>39.</b> S	tacks em	ission	De	etails				
Serial Number	Section	& units	Fuel U Qua	sed with antity	Stack No	0.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	DG	Sets	Required pro	fuel shall be vided.	1		3.5	75	165		
			<b>40.D</b>	etails of <b>F</b>	uel to	be	used				
Serial Number	Тур	Type of Fuel			Existing Proposed			Total			

agentimest			Signature:
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1	HSD		NA			As per requirement		As per requirement	
41.Source of Fuel			Local Market						
42.Mode of Transportation of fuel to site fa				Requi facilit	Required Vehicle shall be provided for transportation of fuel where as storage facility shall be provided				
		Total RG a	rea :	Not applicable					
43.Green Belt Development		No of trees	e cut	utIt shall be ensure not to remove tree of other vegetation. If very required, plant shall be removed scientifically so that can be replanted at another place					
		Number of trees to be planted :			Proper plantation including Tree, Shrubs and small plants shall be planted at every available place. All along the length of the inspection path shall be planted				
		List of proposed native trees :			Native fast growing plant species shall be planted as per suggestion by concerned forest department. Green Belt Development plan will be incorporated in EIA Report				
		Timeline for completion of plantation :			Plantation will be done on regular basis during construction and operation phase as per Green Belt Development plan proposed.				
44.Number and list of trees species to be planted in the ground									
Serial Number	Name of the plant C		Common Name		Quantity		Characteristics & ecological importance		
1	1 Proper plantation including Tree, Shrubs and Herbs shall be planted		Proper pla including Tro and Herbs plant		lantation ree, Shrubs s shall be nted	Proper plantation including Tree, Shrubs and Herbs shall be planted		Proper plant Shrubs and I	tation including Tree, Herbs shall be planted
45	i.Total quai	ntity of plan	ts on	grou	nd				
46.Nun	nber and	list of sl	ırub	s an	d bushes	species	s to be pla	anted in t	he podium RG:
Serial Number	Name			C/C Distance		Area m2			
1	Proper plantation including Tree, Shrubs and Herbs shall be planted			per plantation including , Shrubs and Herbs shall be planted		Proper plantation including Tree, Shrubs and Herbs shall be planted			
47.Energy									
Still									



Power requirement:		Source of power supply :		Maharashtra State Electricity Distribution Corporation Limited (MSEDCL)				
		During Co Phase: (De Load)	nstruction emand	Maharashtra State Electricity Distribution Corporation Limited (MSEDCL)				
		DG set as back-up du construction	Power ıring on phase	Yes. DG set of required capacity shall be provided as backup power support				
		During Op phase (Cor load):	eration nnected	Total Power requirement for proposed scheme shall be sourced from MSEDCL. Detailed estimation of power requirement is given in Pre-Feasibility Report.				
		During Operation phase (Demand load):		as above				
		Transform	er:	Required arrangement shall be made for proper power supply				
		DG set as Power back-up during operation phase:		Required arrangement shall be made for proper power supply				
		Fuel used:		High Speed Diesel				
		Details of i tension lin through th any:	- COL					
		48.Ene	erov savi	na by non-col	nventional method:			
Not applical	ole		35	3-3				
		1	0 Dotail	calculations	& % of saving:			
Corrigi		T	5.Detall		a 70 of saving.			
Number	E	nergy Cons	ervation M	easures	Saving %			
1			NA		NA			
		50	.Details	of pollution c	ontrol Systems			
Source		Existing po	llution cont	rol system	Proposed to be installed			
Emission from Construction activities, handling of construction material, transportation of workers		C . N	ot applicable	9	Regular Water sprinkling will be done. Transportation of construction material through closed truck. PUC will be ensured by operator.			
Budgetary allocation		Capital cos	st:	NA				
O&M	cost):	O & M cos	t:	NA				
51.Environmental Management plan Budgetary Allocation								
a) Construction phase (with Break-up):								
Serial Number	Attributes Para		neter Total Cost per annum (Rs. In Lacs)					
1	Pollution Management Plan Air, Water, Solid & F waste Ma			Soil, Noise, Iazardous nagement	vil, Noise, cardous 5.0 gement			
b) Operation Phase (with Break-up):								

age on these			Signature:									
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Serial Number	Com	ponent	Desci	ription		Capital cost Rs. In Lacs			Operat C	tional and ost (Rs. in	Maintenance Lacs/yr)	
--	------------------------	-----------------------------------	--	---	-------------------	-----------------------------	---	--------------	--------------------------	---------------------------	----------------------------	--
1	Biodivers Manage	ity & Wildlif ement plan	e Biodiversit Manager	y & Wild nent pla	llife n		5.0			1.0		
2	Gre Develoj	en Belt pment Plan	Gree Developi	n Belt nent Pla	n		20.0			2.0		
3	Solid Sar Manago	Waste & nitation ement Plan	Solid V Sani Manager	Vaste & tation nent Pla	n		20.0			2.0		
4	Fisheries	Managemei Plan	nt Fish promotion business a	pond pment, of Fishi and traili	ng ng		10.0		1.0			
5	Health N	lanagement Plan	First Aid health cheo fac	d facility ckup, on ility	, site		10.0		1.0			
6	Pollution	Managemer Plan	Air, Water, Solid & H waste Ma	Soil, No Iazardou inageme	oise, 1s nt		5.0			1.0		
7	Envir Monite	onmental oring Plan	Air, Water, moni	, Soil, No toring	Noise 1.0				2.0			
8	Comm Develoj	nand Area pment Plan	Water Association and Agr trailing an	r Users n, Techni riculture nd suppo	ical ort	10.0 2.0						
51.S	torag	e of ch	emicals	(infl sub	lan sta	nabl ance	le/expl es)	osiv	/e/haz	zardou	s/toxic	
Descri	ption	Status	Locatio	n	Sto Caj in	orage pacity n MT	Maximum Quantity of Storage at any point of time in MT	Cons / Mo	umption onth in MT	Source of Supply	Means of transportation	
NA	ł	NA	NA			NA	NA		NA	NA	NA	
			52.A	ny Ot	her	r Info	ormation	1				
No Informa	tion Availa	ble										
			53.	Traffi	c N	<b>fana</b>	gement					
Nos. of the junction to the main road & design of confluence:       Approach and internal road shall be developed for proper transportation of construction material during construction period shall be ensured to maintain the same on regular basis						r .on period. It						



	Numl baser	ber and area of nent:	Not applicable						
	Numl podia	ber and area of a:	Not applicable						
	Total	Parking area:	Not applicable						
	Area	per car:	Not applicable						
	Area	per car:	Not applicable						
Parking details:	Numl Whee appro comp autho	ber of 2- elers as oved by oetent ority:	Not applicable						
	Numl Whee appro comp autho	ber of 4- elers as oved by oetent ority:	Not applicable						
	Publi	c Transport:	Not applicable						
	Widtl roads	h of all Internal 5 (m):	Not applicable						
	CRZ/ obtai	RRZ clearance n, if any:	Not applicable						
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas / inter-State boundaries								
	Category as per schedule of EIA1(c), namely "River Valley Projects"Notification sheet1								
	Court if any	t cases pending	Not applicable						
	Other Infor	r Relevant mations	Not applicable						
	Have subm Appli on M	you previously itted cation online OEF Website.	Yes						
	Date subm	of online ission	13-11-2018						
SEAC	DIS	CUSSION	ON ENV	IRONME	ENTAL	ASPECTS			
Environmental Impacts of the project	Not A	pplicable							
Water Budget	Not A	pplicable							
Waste Water Treatment	Not A	pplicable							
Drainage pattern of the project	Not A	pplicable							
Ground water parameters	Not Applicable								
Solid Waste Management	Not A	pplicable							
Abhay Pimparkar (Secretary SEAC-I) SEAC Meeting N Date			io: 158th (B) ,Da : January 3, 2019	y-2 Meeting	Page 38 of 82	Signature: Name: Dr. Umakant Gangateo Dangat Dr. Umakant Dangat (Chairman SEAC-I)			

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

### Brief information of the project by SEAC

PP submitted their porposal for the grant of prior Environment Clearannce under cateogry 1( c ) B2 as per amended Notification dated 14th August, 2018.

PP has obtianed MWRRA approval on 12.11.2012, obtained Administrative approval on 20.06.2014.

### **DECISION OF SEAC**

After detailed deliberations with the PP and their consultant it was observed that PP was not having adequate docuemnts like EMP required for the appraisal.

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

**Specific Conditions by SEAC:** 

**1)** PP to submit detailed EMP with respect to the environmental issues related to the proposed projects and activities with quantification and time lines for its implementation.

**2)** PP to submit explanation whether water allotment to this project is considered in the Integrated Water Plan of Godavari Basin. PP to submit necessary documents in support of this.

**3)** PP to submit an undertaking for not having any ecosensitive area in the vicinity of 5 KM from the project site and no interstate boundary is involved in the proposed project.

4) PP to submit latest approval obtained from MWRRA as per MWRRA Act caluse 11 (f)

5) PP to include impact of proposed projects on the surrounding environment and include the same in the EMP.

**6)** PP to submit their plan for operation and maintenance of project activities as per MWRRA Act 11 (d) and provisions stipulated under the MMISF Act, 2005.

7) PP to submit details of CER plan prepared in consultation with the District Authorities.

### FINAL RECOMMENDATION

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



### 158th (B) Meeting of State Level Expert Appraisal Committee (SEAC-1)

### SEAC Meeting number: 158th (B) ,Day-2 Meeting Date January 3, 2019

**Subject:** Environment Clearance for Proposed Establishment of Synthetic Organic Chemicals Manufacturing Unit at Plot No. 53A, MIDC Roha Industrial area, Dist. Raigad by Deepak Nitrite Limited

Is a Violation Case: No						
1.Name of Project	Proposed Establishment of Synthetic Organic Chemicals Manufacturing Unit at Plot No. 53A, MIDC Roha Industrial area, Dist. Raigad by Deepak Nitrite Limited					
2.Type of institution	Private					
<b>3.Name of Project Proponent</b>	Deepak Nitrite Limited					
4.Name of Consultant	Aditya Environmental Services Private limited					
5.Type of project	Industrial project					
6.New project/expansion in existing project/modernization/diversification in existing project	New project					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable.					
8.Location of the project	Plot No. 53A, MIDC Roha Industrial area, Dist. Raigad					
9.Taluka	Roha					
10.Village	Dhatav					
Correspondence Name:	Praveen Desai					
Room Number:	-					
Floor:						
Building Name:						
Road/Street Name:						
Locality:						
City:	-					
11.Area of the project	MIDC Roha Industrial area					
	Plot allotted by MIDC					
Approval Number	IOD/IOA/Concession/Plan Approval Number: Plot allotted by MIDC					
	Approved Built-up Area: 30000					
13.Note on the initiated work (If applicable)	Not applicable. Existing building structures will be suitably modify for proposed project.					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Plot allotted by MIDC					
15.Total Plot Area (sq. m.)	20224					
16.Deductions	Not applicable					
17.Net Plot area	Not applicable					
	a) FSI area (sq. m.): Not applicable					
Non-FSI)	b) Non FSI area (sq. m.): Not applicable					
	c) Total BUA area (sq. m.): 30000					
10 (b) American d Davits and a second	Approved FSI area (sq. m.):					
DCR	Approved Non FSI area (sq. m.):					
	Date of Approval: 15-11-2018					
19.Total ground coverage (m2)	Not applicable					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable					
21.Estimated cost of the project	150000000					

### 22.Number of buildings & its configuration

agger of marship			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 158th (B) ,Day-2 Meeting	Page 40	Dr. Umakant Dangat
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	-		_		
Serial number	Buildin	ıg Name & number	Number o	f floors	Height of the building (Mtrs)
1	1	Not applicable	Not applicable		
23.Number tenants a	er of nd shops	Not applicable			
24.Number expected users					
25.Tenan per hecta	t density re	Not applicable			
26.Height building(s	t of the 5)				
27.Right (Width of from the station to proposed	of way the road nearest fire the building(s)	Minimum 6 m			86
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation					
<b>29.Existing</b> structure (s) if any Existing structures of storage, office and process plant will be reused/ redeveloped					
30.Details of the demolition with disposal (If applicable)					
		31.1	Production	Details	
Serial Number		Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	ADENINE (6- Nitro acetoph acetopheno acetopheno Xylenol / 2,5-X	Amino Purine) / 3-NAP (3 nenone) / 3-AAP (3 Amino ne) / 3-HAP (3 Hydroxy one) / 2,3-Xylenol / 2,4- ylenol / Phenyl Hydrazine	0 TPA	2000 TPA	2000 TPA
2	Triazinone / T	hiocarbohydrazide (TCH)	0 TPA	4500 TPA	4500 TPA
3	3-ABTF ( 3 A TFMAP Ad	mino benzotrifluoride) / (3-Triflouromethyl cetophenone)	0 TPA	2000 TPA	2000 TPA
4	SMIA (2- (methoxyin	Furanacetic acid, a- nno)-, ammonium salt)	0 TPA	600 TPA	600 TPA
4 (methoxyin DBTZ (Dibenzo[b,f] one)/ Gua (TENO Phosphonom Omeprazole 5 Chloromethy pyridine hyd Nitro Interm nitropyridine		(Quetiapine Int.) [1,4]thiazepine-11(10H)- nine/ Aciclovir/ PMPA )FOVIR) ((R)-9-[2- ethoxy) propyl] adenine)/ Chloro Intermediate (2- -3,5-Dimethyl-4-methoxy rochloride)/ Omeprazole ediate (2,3,5-trimethyl-4- N-oxide)/ 7-ETP (7-Ethyl todolac intermediate/ S-	0 TPA	2000 TPA	2000 TPA

	Alcohol (Duloxetine Intermediate)/ 2- Methyl-3-Amino Benzotrifluoride			
6	Pilot Plant products (Synthetic Organic Chemicals)	0 TPA	240 TPA	240 TPA

approvers			Signature:
Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 158th (B) ,Day-2 Meeting	Page 41	Dr. Umakant Dangat
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32. Total Water Requirements         Source of water - Gree/celd water - Celling - Vorefreed water - Celling - Celling - Vorefreed water - Gree/celd water - Fresh water (CMD):       Not applicable       V       V         Vorefreed water - Celling (CMD):       Not applicable       V       V       V         Vorefreed water - Celling (CMD):       Not applicable       V       V       V         Recycled water - Flushing (CMD):       Not applicable       V       V       V         Recycled water - Flushing (CMD):       Not applicable       V       V       V         Swimming pool make up (CumD):       Not applicable       V       V       V         Swimming pool make up (CumD):       Not applicable       V       V       V         Swimming pool make up (CumD):       Not applicable       V       V       V       V         Swimming pool make up (CumD):       Not applicable       V       V       V       V       V         Swimming pool tank(CMD): <th>7</th> <th>Distillation of c such as Nitro crude Toluene Crude Methan Forma</th> <th>rude Chemicals/ oxylenes, Nitrocu , Crude benzotrif nol, Spent acid re amide recovery.</th> <th>solvents mens, luoride, covery,</th> <th>0 TPA</th> <th></th> <th>1</th> <th>200 TPA</th> <th></th> <th>1200 TPA</th> <th></th>	7	Distillation of c such as Nitro crude Toluene Crude Methan Forma	rude Chemicals/ oxylenes, Nitrocu , Crude benzotrif nol, Spent acid re amide recovery.	solvents mens, luoride, covery,	0 TPA		1	200 TPA		1200 TPA							
Source of water - Greening (CMD):       Not applicable         Total Water - Greening (CMD):       Not applicable         Swimming pool Inderground wate Requirement (CMD):       Not applicable         Total Water Requirement (CMD):       Not applicable         Total Water Requirement (CMD):       Not applicable         Fire fighting - Underground wate Recycled water - Greened water - Cancer tow two two Not applicable       Vertication of the second o			32	.Tota	l Water	r Req		emen	t								
Presh water (CMD):         Not applicable           Recycled water - Gardening (CMD):         30           Becycled water - Gardening (CMD):         Not applicable           Swimming pool make up (Cum):         Not applicable           Swimming pool make up (Cum):         Not applicable           Fire fighting - Underground wate anak(CMD):         Not applicable           Fire fighting - Underground wate anak(CMD):         Not applicable           Fire fighting - Underground wate anak(CMD):         Not applicable           Fire fighting - Cumer of water         Not applicable           Not applicable           Feesewater (CMD):         Not applicable           Recycled water - flushing (CMD):         Not applicable           Recycled water - flushing (CMD):         Not applicable           Swimming pool Recycled water - flushing (CMD):         Not applicable           Swimming pool Rade up (Cum):         Not applicable           Swimming pool Recycled water - flushing (CMD):         Not applicable           Swimming pool Recycled water - flushing (CMD):         Not applicable           Swimming pool Recycled water - flu			Source of wa	ter	MIDC												
Recycled water - Gardening (CMD):         30           Becycled water - Gardening (CMD):         30           Swimming pool make up (Cum):         Not applicable			Fresh water	(CMD):	1726												
30           Gardening (CMD):         Not applicable           Swimning pool make up (Cum):         Not applicable         Instance			Recycled wat Flushing (CM	ær - 1D):	Not applical	Not applicable											
Not applicable           Instange ook made on pice pice on pi			Recycled wat Gardening (C	er - CMD):	30												
Dry season:       Total Water Requirement (CMD) : indicerground water tank(CMD):       1756         Fire fighting - Underground water tank(CMD):       Not applicable       Image: Im			Swimming po make up (Cu	ool m):	Not applical	ole				6							
Fire fighting - Underground water tank(CMD):       Not applicable         Fire fighting - Overhead water tank(CMD):       Not applicable         Excess treated water       Not applicable         Source of water       Not applicable         Fresh water (CMD):       Not applicable         Recycled water - Gardening (CMD):       Not applicable         Swimming pool make up (Cum):       Not applicable         Swimming pool make up (Cum):       Not applicable         Stating fighting - Oxerhead water - Gardening (CMD):       Not applicable         Stating fighting - Oxerhead water - Gardening (CMD):       Not applicable         Stating fighting - Oxerhead water Requirement (CMD):       Not applicable         Stating fighting - Oxerhead water Requirement (CMD):       Not applicable         Fire fighting - Oxerhead water Require mark(CMD):       Not applicable         Fire fighting - Oxerhead water Require mark(CMD):       Not applicable         Fire fighting - Oxerhead water Require mark (CMD):       Not applicable         Fire fighting - Oxerhead water Require mark (CMD):       Not ap	Dry seaso	n:	Total Water Requirement :	: (CMD)	1756					8							
Fire fighting - Overhead water tank(CMD):       Not applicable         Excess treated water       Not applicable         Source of water - Gardening (CMD):       Not applicable         Recycled water - Gardening (CMD):       Not applicable         Not applicable         Swimming pool make up (CuD):       Not applicable         Swimming pool make up (CuD):       Not applicable         Swimming pool make up (CuD):       Not applicable         Fire fighting - Cotal Water - Gardening (CMD):       Not applicable         Fire fighting - Underground water tank(CMD):       Not applicable         Fire fighting - Underground water       Not applicable         Fire fighting - Not applicable <th colsp<="" th=""><th></th><th></th><th>Fire fighting Underground tank(CMD):</th><th>- l water</th><th>Not applical</th><th>ole</th><th></th><th></th><th>0</th><th></th><th></th></th>	<th></th> <th></th> <th>Fire fighting Underground tank(CMD):</th> <th>- l water</th> <th>Not applical</th> <th>ole</th> <th></th> <th></th> <th>0</th> <th></th> <th></th>			Fire fighting Underground tank(CMD):	- l water	Not applical	ole			0							
Excess treated water Not applicable         Source of water - Fresh water (CMD):       Not applicable         Recycled water - Flushing (CMD):       Not applicable         Recycled water - Gardening (CMD):       Not applicable         Swimming pol make up (Cum):       Not applicable       Second colspan="4">Second colspan="4">Not applicable         Wet season:       Total Water Requirement (CMD):       Not applicable       Second colspan="4">Second co			Fire fighting Overhead wa tank(CMD):	- ter	Not applicable												
Not applicable           Fresh water (CMD):         Not applicable           Recycled water - Flushing (CMD):         Not applicable           Recycled water - Gardening (CMD):         Not applicable           Swimming pol make up (Cum):         Not applicable           Swimming pol make up (Cum):         Not applicable           Swimming pol make up (Cum):         Not applicable           Fire fighting - Underground water tank(CMD):         Not applicable           Setest colspan="4">Setest colspan="4">Sete			ed water	Not applicable													
Fresh water (CMD):         Not applicable           Recycled water - flushing (CMD):         Not applicable           Recycled water - Gardening (CMD):         Not applicable           Swimming pool make up (Cwr):         Not applicable           Swimming pool make up (Cwr):         Not applicable           Total Water Requirement (CMD):         Not applicable           Fire fighting - Underground water tank(CMD):         Not applicable           Fire fighting - Underground water tank(CMD):         Not applicable           Not applicable           Fire fighting - Underground water tank(CMD):         Not applicable           Not applicable           Fire fighting - Overhead water tank(CMD):         Not applicable           Fire fighting - Not applicable         Not applicable           Not applicable           Swimming pool (If any)         Not applicable           States track (CMD):         Not applicable           Swimming Not applicable         Swimming Not applicable           Swimming Not applicable         Swimming Not applicab	Source of water				Not applical	ole											
Recycled water - Rushing (CMD):       Not applicable         Recycled water - Gardening (CMD):       Not applicable         Swimming pool make up (Cum):       Not applicable         Swimming pool make up (Cum):       Not applicable         Total Water Requirement (CMD):       Not applicable         Interfighting - runderground water rank(CMD):       Not applicable         Fire fighting - runderground water rank(CMD):       Not applicable         State st			Fresh water	(CMD):	Not applical	ole											
Recycled water - Gardening (CMD):         Not applicable           Wet season:         Recycled water make up (CMD):         Not applicable           Vet season:         Priotal Water Requirement         Not applicable           Fire fighting - Underground water tank(CMD)::         Not applicable           Not applicable         Not applicable           Fire fighting - Underground water tank(CMD)::         Not applicable           Not applicable         Second tank (CMD):           Not applicable         Not applicable           Second tank (CMD)::         Not applicable           Not applicable         Second tapplicable           Not a			Recycled water -     Not applicable														
Swimming pool make up (Cum):         Not applicable           Total Water Requirement (CMD):         Not applicable           Fire fighting- Underground water tank(CMD):         Not applicable         Second Secon			Recycled wat Gardening (C	er - CMD):	Not applical	ole											
Wet season:       Total Water Requirement (CMD):       Not applicable         Fire fighting-Underground water tank(CMD):       Not applicable         Fire fighting-Overhead water tank(CMD):       Not applicable         Vet read water tank(CMD):       Not applicable         Vet r			Swimming po make up (Cu	ool m):	Not applicable												
Fire fighting- Underground water tank(CMD):Not applicableFire fighting- Overhead water tank(CMD):Not applicableFire fighting- Overhead water tank(CMD):Not applicableExcess treated water tank(CMD):Not applicableDetails of Swimming pool (If any)Not applicableDetails of If any:Not applicableParticula rsComposedNot applicableNot applicableNot applicableNot applicableStatisting Particula rsProposedTotalFire fighting- Overhead water Not applicableParticula rsComposedColspan="6">Colspan="6">ProposedFire fighting- StatistingNot applicableParticula rsColspan="6">Colspan="6">StatistingProposedFire fighting- StatistingNot applicableParticula rsColspan="6">StatistingProposedFire fighting- StatistingStatistingProposedParticula rsColspan="6">StatistingProposedFire fighting- StatistingStatistingParticula rsColspan="6"StatistingParticula resProposedTot	Wet seaso	on:	Total Water Requirement :	(CMD)	Not applicable												
Fire fighting - Overhead water tank(CMD):Not applicableExcess treated water pool (If any)Not applicableDetails of Swimming pool (If any)Not applicableSUBTION (CMD)SUBTION (CMD)<			Fire fighting - Underground water tank(CMD):		Not applicable												
Excess treated waterNot applicableDetails of Winning pool (If arry)Not applicableStapplicable <th colspan="6" stapp<="" th=""><th></th><th></th><th>Fire fighting Overhead wa tank(CMD):</th><th>- ter</th><th>Not applical</th><th>ole</th><th></th><th></th><th></th><th></th><th></th></th>	<th></th> <th></th> <th>Fire fighting Overhead wa tank(CMD):</th> <th>- ter</th> <th>Not applical</th> <th>ole</th> <th></th> <th></th> <th></th> <th></th> <th></th>								Fire fighting Overhead wa tank(CMD):	- ter	Not applical	ole					
Details of Swimming pool (If arr)Not applicableSUBLABLE <th colspan="5" su<="" th=""><th></th><th>67</th><th>ed water</th><th>Not applicat</th><th>ole</th><th></th><th></th><th></th><th></th><th></th></th>	<th></th> <th>67</th> <th>ed water</th> <th>Not applicat</th> <th>ole</th> <th></th> <th></th> <th></th> <th></th> <th></th>						67	ed water	Not applicat	ole							
SUBJECT S	Details of Swimming pool (If any)     Not applicable																
Particula rsConsumption (CMD)Loss (CMD)Effluent (CMD)Water Require mentExistingProposedTotalExistingProposedTotalDomestic0400101003030			33	.Detail	s of Tota	l wate	r coi	nsume	ł								
Water Require mentExistingProposedTotalExistingProposedTotalDomestic0400101003030	Particula rs	Cons	umption (CM	D)	I	Loss (CM	1D)		Eff	fluent (CMD)							
Domestic         0         40         40         0         10         0         30         30	Water Require ment	Existing	Proposed	Total	Existing	Propo	sed	Total	Existing	Proposed	Total						
	Domestic	0	40	40	0	10		10	0	30	30						

agent averes			Signature: Name: Dr. Umakant Gangetrao Dangat
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Industrial Process	0	1086	1086	0	274	274	0	812	812				
Cooling tower & thermopa ck	0	600	600	0	475	475	0	125	125				
Gardening	0	30	30	0	30	30	0	0	0				
		•											
		Level of the water table:	Ground	1 to 7.7 m pre-monsoon									
		Size and no o tank(s) and Quantity:	of RWH	details will be provide in EIA report.									
		Location of t tank(s):	he RWH	details will be provide in EIA report.									
34.Rain V Harvestin	Water ng	Quantity of r pits:	echarge	details will l	be provide in E	IA report.							
(RWH)	-	Size of recha :	rge pits	details will l	be provide in E	IA report.							
		Budgetary al (Capital cost	location ) :	details will l	be provide in E	IA report.							
		Budgetary al (O & M cost)	location :	details will l	be provide in E	IA report.							
Details of UGT tanks if any :													
Natural water drainage pattern:				details will be provide in EIA report.									
drainage	water	Quantity of s water:	torm	details will be provide in EIA report.									
		Size of SWD:		details will l	be provide in E	IA report.							
			$\sim$	7									
		Sewage gene in KLD:	eration	30									
		STP technolo	ogy:	Biological tr	reatment								
Sewage	and	Capacity of S (CMD):	STP	30									
Waste w	vater	Location & a the STP:	rea of	within plot									
	CY	Budgetary al (Capital cost	location ):	Rs. 20 lakhs	;								
		Budgetary al (O & M cost)	location :	Rs. 5 lakhs/	annum								
		36	6.Soli	d waste	Manag	ement	t						
Wasta sar	oration in	Waste gener	ation:	Minor quan	tity of debris/ I	Demolition	waste						
the Pre Co and Constr phase:	nstruction ruction	Disposal of t construction debris:	he waste	Debris/ Dem	nolition waste v	will be reu	sed for leveli	ng of plot.					
		Dry waste:											
		Wet waste:											
Waste generation	neration eration	Hazardous w	aste:	MEE salts, Hyflow, Iron sludge, Process waste (Organic), Charcoal Sludge, Residue, Spent Catalyst, Waste /Residue Containing Oil, Used /Spent Oil / Empty barrels/ containers/liners contaminated with hazardous chemicals / wastes / ETP sludge									
Phase:		Biomedical v applicable):	vaste (If										
		STP Sludge ( sludge):	Dry	STP sludge									

Dry waste:											
		Wet waste	:								
		Hazardous	waste:	Recycling or sale to authorized party, CHWTSDF							
Mode of of waste:	Disposal	Biomedica applicable	l waste (If ):								
STP Slu sludge)			e (Dry	Used as manure (STP sludge)							
		Others if a	ny:								
		Location(s	):	Within plot							
Area for t of waste & material:			e storage other	Will be deta	ailed in EIA			<u> </u>			
		Area for m	achinery:	Not applica	ble			0			
Budgetary	allocation	Capital co	st:	Rs. 30 Lakh	IS			0			
(Capital co O&M cost)	st and :	O & M cos	t:	Rs 10 lakhs	/annum						
		<u> </u>	37.Ef	fluent Cl	harecter	estics		7			
Serial Number	Paran	neters	Unit	Inlet E Charect	ffluent erestics	Effluent discharge standards (MPCB)					
1	p	H		4.	-9	6.9-	-7.3	6.5-9			
2	BOD (at 2	27 deg. C)	mg/l	400-650			-95	<100			
3	CC	)D	mg/l	1500-	-2000	175-215		<250			
4	TS	SS	mg/l	350-450 35-75			-75	<100			
5	TI	DS	mg/l	3000 1800			00	<2100			
6	Oil and	Grease	mg/l	10-20 5-6 <10							
Amount of e (CMD):	effluent gene	eration	967 (Total t	al trade and domestic)							
Capacity of	the ETP:		1000								
Amount of t recycled :	reated efflue	ent	30 (Domest	ic treated ef	fluent)						
Amount of v	vater send to	o the CETP:	915								
Membershi	p of CETP (if	require):	Yes, Membe	ership of Roh	na CETP.						
Note on ET	P technology	v to be used	Process effl condensate secondary a	uent – It will and effluent and tertiary t	be stripped from Utilitie reatment. T	off followed es will be tre he treated ef	by MEE to s ated in ETP fluent will be	eparate salts. MEE consisting of Primary, e sent to CETP.			
Disposal of	the ETP slud	lge	MEE Salts a	and ETP slud	lge to CHWT	SDF					
			<b>38.H</b> a	zardous	Waste D	etails					
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal			
1	MEE	Salt	35.3	TPA	0	10800	10800	CHWTSDF			
2	Hyf	low	35.3	TPA	0	127.8	127.8	CHWTSDF			
3	Iron S	ludge	35.3	TPA 0 766.8 766.8 CHWTSI							
4	Process (Org	s waste anic)	35.3	TPA	0	799.3	799.3	Disposal by incineration OR Co- Processing			
5	Charcoa	l Sludge	36.2	TPA	0	174.4	174.4	Disposal by incineration OR Co- Processing			

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6	Res	idue	36.2		TPA	(	)	654.3	654.3	Disposal by incineration OR Co- Processing		
7	Spent	catalyst	19.2		TPA	(	)	63.8	63.8	sell / Regeneration & Re-use		
8	Waste / Contaii	'Residue ning Oil	33	8.2	TPA	(	)	1.04	1.04	CHWTSDF		
9	Used /S	pent Oil	5.	.1	TPA	(	)	2.80	2.80	sell to registered recyclers OR Reused as Lubricant within premises		
10	Empty containe contamin haza: chemica	barrels/ ers/liners hated with rdous als/waste	33.1 T.		TPA	(	)	100	100	Sell to scrap vendor		
11	ETP s	sludge	35	5.3	TPA	(	)	100	100	CHWTSDF		
			3	89.St	tacks em	issio	n D	etails				
Serial Number	Section	Section & units Qua		ed with ntity	Stacl	« No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases			
1	Bo	iler		Coal 6	64 TPD	1	-	44	0.9	150		
2	DG set (1	.000 KVA)	Н	SD 25	0 Lit/hr	2		6.5 m above roof	0.6	150		
3	DG set (1	.000 KVA)	Н	SD 25	0 Lit/hr	6.0		6.5 m above roof	0.6	150		
4	DG set (1	.000 KVA)	Н	HSD 250 Lit/hr		HSD 250 Lit/hr		4	Ŀ	6.5 m above roof	0.6	150
5	Adenine	Reactor		Nil		5	)	10	0.15	35 - 40		
6	Thio carbo rea	ohydrazide ctor		Nil		Nil		6	6	10	0.15	35 - 40
7	SMIA I	Reactor		Nil		7		31	0.45	35 - 40		
			4	).De	tails of <b>F</b>	<b>uel</b>	to be	e used				
Serial Number	Тур	pe of Fuel			Existing			Proposed		Total		
1		Coal			0			64 TPD		64 TPD		
2	HSD (eme	ergency use o	only		0			750 Lit/hr		750 Lit/hr		
41.Source of	of Fuel	ion of fuel to	oito	Local	<u>э</u> ]							
42.1vioue oi	Transportat	1011 01 1001 10	site	Бу 10	du							
Total RG area					6767 sg.m							
No of tree		s to be	e cut	Not applica	blo							
43.Green Belt		•			not applica	IDIE						
		Number of be planted	trees:	s to	300 nos.							
Develop	ment	List of pro native tree	posed s :		Will be deta	ailed in	EIA					
Timeline completi plantatio			or n of :		Will be detailed in EIA							

agareties			Signature:
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44.Number and list of trees species to be planted in the ground								
Serial Number	Name of	Name of the plant Common		on Name	Qua	ntity	Characteristics & ecological importance	
1	Will be det	ailed in EIA	Will be det	tailed in EIA	Will be de	tailed in EIA	Will be detailed in EIA	
45	.Total qua	ntity of plan	ts on grou	nd				
46.Num	nber and	list of sh	rubs ar	nd bushes	s species	to be pla	anted in the podium RG:	
Serial Number		Name		C/C Dista	nce		Area m2	
1	Will be	detailed in EL	A V	Vill be detaile	d in EIA		Will be detailed in EIA	
				47.EI	nergy			
		Source of p supply :	ower	MSEDCL			0	
		During Con Phase: (Der Load)	istruction mand	5000 KVA				
		DG set as Power back-up during construction phase		3 DG sets (3	1000 KVA e	ach, proposed		
Pos	MOT	During Operation phase (Connected load):		5000 KVA				
require	ement:	During Ope phase (Den load):	eration nand	5000 KVA	5000 KVA			
		Transforme	er:	Not applicable				
		DG set as Power back-up during operation phase:		3 DG sets (1000 KVA each, proposed)				
		Fuel used:		HSD for DG sets				
		Details of h tension line through the any:	high e passing e plot if	No high ter	high tension line passing through plot.			
		48.Ene	rgy savi	ng by no	n-conve	ntional m	ethod:	
			<i>.</i>					
	1	49	).Detail	calculati	ons & %	of saving	g:	
Serial Number	E	nergy Conse	ervation M	easures			Saving %	
1	5							
50.Details of pollution control Systems								
Source		Existing pol	llution con	trol system		Pr	oposed to be installed	
Boiler	Boiler				Stack with cyclone followed by bag filt			
DG sets							stack	
Process sta (Adenine reactor)	ck						Water scrubber	



Process stac Thio carbohydraz reactor)	ck ( iide					Caustic scrubber				
Process stat SMIA reacte	ck ( or)					Caustic s	crubber (NOx a as Scrub	absorption to bing media)	wer with NaOH	
Budgetary	allocation	Capital	cost:							
(Capital O&M	cost and cost):	0 & M c	ost:							
51	.Envir	onme	ntal Man	agen	nent p	lan Bu	idgetary	Alloca	ation	
		a	) Construc	tion p	hase (w	ith Bre	ak-up):			
Serial Number	Attr	ibutes	Parar	neter		Total (	Cost per annu	ım (Rs. In I	Lacs)	
1			-	-						
			b) Operati	ion Pha	ase (wi	t <b>h Brea</b> l	k-up):	NO		
Serial	Com	nonont	Doscr	intion	Capi	tal cost Rs	. In Opera	tional and	Maintenance	
Number	Com	ponent	Desci	iption		Lacs		cost (Rs. in	Lacs/yr)	
1	EMP	budget	It will be c El	letailed in A	n It wil	l be detaile EIA	d in It	will be deta	iled in EIA	
51.S	torage	e of ch	emicals	(infla	mabl	e/expl	osive/ha	zardou	s/toxic	
	_			subs	tance	s)				
					C	Maximum Quantity				
Descrij	ption	Status	Location C		Storage Capacity in MT	of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation	
Metha	anol	proposed	Within pl	ot	20	18	465	Local	Tanker	
Tolue	ene	proposed	Within pl	ot	25	22	1269	Local	Tanker	
N Hex	ane	proposed	Within pl	ot	10	8	170	Local	Tanker	
Methylene d	lichloride	proposed	Within pl	ot	20	14	620	Local	Tanker	
Methyl isobu	ityl ketone	proposed	Within pl	ot	25	22	597	Local	Tanker	
Iso propyl	alcohol	proposed	Within pl	ot	15	12	600	Local	Tanker	
Cyclohe	exane	proposed	Within ple	ot	2	1	15	Local	Tanker	
		proposed	Within plo	ot	30	24	300	Local	Tanker	
BTI	r F	proposed	Within pl	ot	10	10	100	Local	Tanker	
Δnili	ne	proposed	Within pl	ot	15	10	100	Local	Tanker	
Forma	mide	proposed	Within pl	ot	20	17	100	Local	Tanker	
Yulidinos		proposed	Within pl	ot	20	15	152	Local	Tanker	
Dichloroninacolone propose		proposed	Within pl	ot	60	53	426	Local	Tanker	
3 AB	TF	proposed	Within pl	ot	15	10	195	Local	Tanker	
AAG	C	proposed	Within pl	ot	15	9	85	Local	Tanker	
Sulphuri	c acid	proposed	Within pl	ot	40	30	630	Local	Tanker	
Nitric	acid	proposed	Within pl	ot	20	15	197	Local	Tanker	
НС	1	proposed	Within pl	ot	40	30	2712	Local	Tanker	
Dimethyl ac	cetamide	proposed	Within pl	ot	10	8	72	Local	Tanker	

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Acetic acid	propose	d Within p	lot	15	13	138	Local	Tanker	
		<b>52.</b> A	ny Ot	her Info	rmation				
No Information Available									
	53.Traffic Management								
	Nos. o to the design conflu	of the junction main road & n of lence:	Not ap	plicable					
	Numb basen	er and area of nent:	Not ap	plicable					
	Numb podia:	er and area of :	Not ap	plicable			C		
	Total	Parking area:	2114 s	q m					
	Area p	per car:	Not ap	plicable			- 5		
	Area p	per car:	Not ap	plicable					
Parking details:	Numb Wheel appro compe autho	eer of 2- lers as ved by etent rity:	Not ap	plicable		00	3		
	Number of 4- Wheelers as approved by competent authority:		Not ap	plicable	100				
	Public	c Transport:	Not applicable						
	Width roads	Width of all Internal roads (m):		Min 6 m					
	CRZ/ 1 obtair	RRZ clearance 1, if any:	Not ap	plicable					
	Distar Protect Critica areas areas/ bound	nce from cted Areas / ally Polluted / Eco-sensitive / inter-State laries	Village Dhatav wherein the Roha MIDC is setup have appeared in the list of ESA village of Western Ghats (Ecological Sensitive Area Village) DRAFT notification dated 14.03.2014, 04.09.2015, 27.02.2017 and 03.10.2018)						
	Categ sched Notifi	ory as per ule of EIA cation sheet	5 (f)						
	Court if any	cases pending	No						
9	Other Inform	Relevant nations	No						
Have you previously submitted Application online on MOEF Website.			Yes						
	of online ission	15-11-2018							
SEAC	SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS						ſS		
Environmental Impacts of the project	Environmental     Impacts of the project								
Abhay Pimparkar (Secretary SEAC-I) SEAC Meeting N Date			No: 158t e: Januar	h (B) ,Day-2 'y 3, 2019	Meeting	Page 48 of 82	Signature: Name: Dr. Umaka Dr. Umakant (Chairman SI	nt Gangetzeo Dangat Dangat EAC-I)	

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

### Brief information of the project by SEAC

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

### DECISION OF SEAC

During deliberation SEAC noticed that Ministry of Environment and Forest, New Delhi has issued Directions under Section 5 of the Environment (Protection ) Act, 1986 dated 13.11.2013 and Office Memorandum dated 20.12.2013 regarding prohibition of activities in the area identified as Ecologically Sensitive Area (ESA) under the High Level Working Group formulated for Western Ghat.

The directions states as;

The following category of new and/or expansion projects/activities shall be prohibited in the Ecologically Sensitive Area (ESA) from date of issue of these directions (that is from 13.11.2013) except those cases which have been received by EAC/MoEF or SEAC/SEIAA before the date of putting HLWG report on the web site of the Ministry that is 14.04.2013 and which are pending with EAC/MoEF or SEAC/SEIAA. Such projects will be dealt under the guidelines and rules applicable at the time of application before the respective EAC/MoEF, SEAC/SEIAA. Apart from such cases, no pending case or any fresh case shall be considered by the EAC/MoEF or SEAC/SEIAA as from the date of issue of these directions."

- 1. Mining, quarrying and sand mining.
- 2. Thermal Power Plants.
- 3. Building and Construction projects of 20000 Sq.m. area and above.

4. Township and area development projects with an area of 50 ha and above and/or with built up area of 150000 Sq.m

and above.

5. Red Category of Industries

The proposal under reference fall at Sr. No. 5 above. In view of the directions is used by MoEF and as the location of proposed project is situated in the Eco Sensitive Area (Dhatav) as per Notification issued by MoEF&CC.

Hence, SEAC decided to recommend the proposal for rejection.

Specific Conditions by SEAC:

### FINAL RECOMMENDATION

rao Dangat

appropries			Signature: Name: Dr. Umakant Gangetrao
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Stiller Active Dates



158th (B) Mee	ting of State Level Expert Appraisal Committee (SEAC-1)							
SEAC Meet	SEAC Meeting number: 158th (B) ,Day-2 Meeting Date January 3, 2019							
Subject: Environment Clearance	e for Environment Clearance for Garga Medium Project							
Is a Violation Case: Yes								
1.Name of Project	Garga Medium Project Tg. Dharni Dist. Amravati							
2.Type of institution	Government							
3.Name of Project Proponent	Executive Engineer, Amravati Medium Project Division, Amravati							
4.Name of Consultant	Mitcon Consultancy Pune							
5.Type of project	NA							
6.New project/expansion in existi project/modernization/diversifica in existing project	ng tion New Project							
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA							
8.Location of the project	87 , 89							
9.Taluka	Dharni							
10.Village	Mansudhawdi							
Correspondence Name:	Executive Engineer, Amravati Medium Project Division Amravati							
Room Number:	NA							
Floor:	NA							
Building Name:	Sinchan Seva Bhavan							
Road/Street Name:	Shivaji nagar							
Locality:	Panchavati							
City:	Amravati							
11.Area of the project	Corporation							
12 IOD/IOA/Concession/Plan	NA							
Approval Number	IOD/IOA/Concession/Plan Approval Number: NA							
	Approved Built-up Area: 584							
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.)	NA							
16.Deductions	NA							
17.Net Plot area	NA							
	a) FSI area (sq. m.): NA							
18 (a).Proposed Built-up Area (FS	b) Non FSI area (sq. m.): NA							
Noll-FSI)	c) Total BUA area (sq. m.):							
6	Approved FSI area (sq. m.): NA							
18 (b).Approved Built up area as	per Approved Non FSI area (sq. m.): NA							
DCK	Date of Approval: 14-11-2008							
19.Total ground coverage (m2)	NA							
20.Ground-coverage Percentage (Note: Percentage of plot not ope to sky)	<b>%)</b> NA NA							
<b>21.Estimated cost of the project</b> 494.66								
22.Nu	mber of buildings & its configuration							
Serial number Building Name	e & number of floors Height of the building (Mtrs)							
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1		NA			NA	NA
23.Number tenants an	r of d shops	NA				
24.Number expected r users	r of esidents /	NA				
25.Tenant per hectar	density e	NA				
26.Height building(s)	of the )					
27.Right o (Width of the from	f way the road earest fire the ouilding(s)	23				6
28.Turning for easy ac fire tender movement around the excluding for the pla	g radius ccess of from all building the width ntation	NA				0010
29.Existing structure (	g (s) if any	NA				
30.Details demolition disposal (I applicable	of the with f )	NA			000	
			31.P	roduct	ion Details	
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)
1	Ν	A	Ν	A	NA	NA
		3	2.Tota	l Wateı	r Requiremer	nt
		Source of	water	NA		
		Fresh wate	er (CMD):	NA		
		Recycled v Flushing (	vater - CMD):	NA		
		Recycled v Gardening	vater - (CMD):	NA		
		Swimming make up (	pool Cum):	NA		
Dry season:	Total Wate Requireme :	er ent (CMD)	NA			
		Fire fighti Undergrou tank(CMD	ng - Ind water ):	NA		
		Fire fighti Overhead tank(CMD	ng - water ):	NA		
		Excess tre	ated water	NA		

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		Source of wa	ter	NA						
		Fresh water	(CMD):	NA						
		Recycled wat Flushing (CM	er - ID):	NA						
		Recycled wat Gardening (C	er - CMD):	NA						
Swimming pool make up (Cum):Wet season:Total Water Requirement (C :			ool m):	NA	JA					
			(CMD)	NA						
		Fire fighting Underground tank(CMD):	- I water	NA				6		
		Fire fighting Overhead wa tank(CMD):	- ter	NA				8		
		Excess treate	ed water	NA						
Details of S pool (If any	Swimming y)	Not applicable	)			C	0			
		33.	.Detail	s of Total	water co	nsume	đ			
Particula rs	Cons	sumption (CM	D)	I	Loss (CMD) Effluent (CMD)					
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Domestic	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Domestic	NA	NA Level of the ( water table:	NA Ground	NA NA	NA	NA	NA	NA	NA	
Domestic	NA	NA Level of the ( water table: Size and no o tank(s) and Quantity:	NA Ground of RWH	NA NA	NA	NA	NA	NA	NA	
Domestic	NA	NA Level of the ( water table: Size and no of tank(s) and Quantity: Location of t tank(s):	NA Ground of RWH he RWH	NA NA NA	NA	NA	NA	NA	NA	
Domestic 34.Rain V Harvestir	NA Vater	NA Level of the ( water table: Size and no of tank(s) and Quantity: Location of t tank(s): Quantity of r pits:	NA Ground of RWH he RWH echarge	NA NA NA NA	NA	NA	NA	NA	NA	
Domestic 34.Rain V Harvestir (RWH)	NA Water ng	NA Level of the ( water table: Size and no of tank(s) and Quantity: Location of t tank(s): Quantity of r pits: Size of recha	NA Ground of RWH he RWH echarge rge pits	NA NA NA NA NA	NA	NA	NA	NA	NA	
Domestic 34.Rain V Harvestir (RWH)	NA Vater 1g	NA Level of the ( water table: Size and no of tank(s) and Quantity: Location of t tank(s): Quantity of r pits: Size of recha : Budgetary al (Capital cost)	NA Ground of RWH he RWH echarge rge pits location ) :	NA NA NA NA NA NA NA	NA	NA	NA	NA	NA	
Domestic 34.Rain V Harvestir (RWH)	NA Water Ig	NA Level of the ( water table: Size and no of tank(s) and Quantity: Location of t tank(s): Quantity of r pits: Size of recha : Budgetary al (Capital cost)	NA Ground of RWH he RWH echarge rge pits location ) : location	NA NA NA NA NA NA NA NA	NA	NA	NA	NA	NA	
Domestic 34.Rain V Harvestir (RWH)	NA Water ng	NA Level of the G water table: Size and no of tank(s) and Quantity: Location of t tank(s): Quantity of r pits: Size of recha : Budgetary al (Capital cost) Budgetary al (O & M cost) Details of UG if any :	NA Ground of RWH he RWH echarge rge pits location ) : location : T tanks	NA NA NA NA NA NA NA NA NA NA	NA	NA	NA	NA	NA	
Domestic 34.Rain V Harvestir (RWH)	NA Vater Ig	NA Level of the G water table: Size and no of tank(s) and Quantity: Location of t tank(s): Quantity of r pits: Size of recha : Budgetary al (Capital cost) Budgetary al (O & M cost) Details of UG if any :	NA Ground of RWH he RWH echarge rge pits location ) : location : T tanks	NA NA NA NA NA NA NA NA NA	NA	NA	NA	NA	NA	
Domestic 34.Rain V Harvestir (RWH)	NA Water Ig	NA Level of the ( water table: Size and no of tank(s) and Quantity: Location of t tank(s): Quantity of r pits: Size of recha : Budgetary al (Capital cost) Budgetary al (O & M cost) Details of UG if any :	NA Ground of RWH he RWH echarge rge pits location ) : location CT tanks	NA NA NA NA NA NA NA NA NA NA NA	NA	NA	NA	NA	NA	
Domestic 34.Rain V Harvestir (RWH) 35.Storm drainage	NA Vater ng water	NA Level of the ( water table: Size and no of tank(s) and Quantity: Location of t tank(s): Quantity of r pits: Size of recha : Budgetary al (Capital cost) Budgetary al (O & M cost) Details of UG if any : Natural wate drainage pat Quantity of s water:	NA Ground of RWH he RWH echarge rge pits location : location : T tanks r tern: torm	NA NA NA NA NA NA NA NA NA NA NA NA	NA	NA	NA	NA	NA	

age of these			Signature:
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		Sewage ge in KLD:	neration	NA				
		STP techn	ology:	NA				
Sewage and		Capacity o (CMD):	f STP	NA				
Waste w	ater	Location & the STP:	area of	NA				
		Budgetary (Capital co	allocation ost):	NA				
		Budgetary (O & M cos	allocation st):	NA				
			<b>36.Soli</b>	d waste Manag	gement	6		
Waste gen	eration in	Waste gen	eration:	NA		8		
the Pre Cor and Constr phase:	nstruction ruction	Disposal o constructi debris:	f the on waste	NA				
		Dry waste:		NA				
		Wet waste	•	NA				
Waste ge	neration	Hazardous	waste:	NA				
in the op Phase:	eration	Biomedica applicable	l waste (If ):	NA				
		STP Sludg sludge):	e (Dry	NA				
		Others if a	ny:	NA				
		Dry waste:		NA				
		Wet waste	•	NA				
		Hazardous	waste:	NA				
of waste:	Disposal	Biomedica applicable	l waste (If ):	NA				
		STP Sludg sludge):	e (Dry	NA				
		Others if a	ny:	NA				
		Location(s	):	village Mansudhawdi				
Area requirem	ent:	Area for th of waste & material:	e storage other	584 Ha				
	$\sim$	Area for m	achinery:	NA				
Budgetary allocation Capital cost:			st:	494.66 Cr				
(Capital co O&M cost)	(Capital cost and O&M cost): 0 & M cost:			NA				
			37.Ef	fluent Charectere	estics			
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)		
1	N	A	NA	NA	NA	NA		
Amount of e (CMD):	effluent gene	eration	NA					
Capacity of the ETP: NA			NA					

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Amount of t recycled :	reated efflu	ent	NA	NA							
Amount of v	water send t	o the CETP:	NA								
Membershi	p of CETP (i	f require):	NA	JA							
Note on ET	P technology	y to be used	NA	JA							
Disposal of	Disposal of the ETP sludge NA										
38.Hazardous Waste Details											
Serial Number	Descr	ription	Cat UOM			Exis	ting	Proposed	Total	Method of Disposal	
1	N	IA	Ν	A	NA	Ν	A	NA	NA	NA	
			3	89.St	acks em	issio	n D	etails		C	
Serial Number	Section	& units	Fı	ıel Us Qua	ed with ntity	Stacl	k No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	N	IA		Ν	A	Ν	A	NA	NA	NA	
			4	D.De	tails of F	uel	to b	e used			
Serial Number	Тур	pe of Fuel			Existing			Proposed	3	Total	
1		NA			NA			NA	NA		
41.Source of	of Fuel			NA							
42.Mode of	Transportat	tion of fuel to	site	NA				5			
		-									
		Total RG a	rea :		58 ha at foo	ot of da	am and	d along the c	anal and div	ersion road	
		No of trees	s to bo	e cut	1093						
43.Gree	n Belt	Number of be planted	f trees	trees to 4500							
Develop	ment	List of pro native tree	posed es :	<b>posed</b> s:			lirachta),Kanchan(Bauhinia),Shisav(Dalbergia sissoo)				
		Timeline f completion plantation	or n of :		3 years						
	44.Nu	mber and	l list	of t	rees spe	cies	to b	e planteo	d in the g	ground	
Serial Number	Name of	the plant	Co	ommo	n Name		Qua	ntity	Characte	eristics & ecological importance	
1	Azadirac	hta Indica		Ni	mb		50	00		NA	
2	Bauhinia	variegata		Kamo	chana		50	00		NA	
3	Dall	oergi		shi	sav		50	00		NA	
4	Albi	izzia		shi	ras		50	00		NA	
5	Acc	acia		ba	bul		50	00		NA	
6	pon	amia		dha	rang		50	00		NA	
7	tamarind	lus indica		chi	nch		50	00		NA	
8	Glicidica	maculata		Glire	cidia		50	00		NA	
9	Cassia	Siamea		Cas	ssia		50	00		NA	
45	5.Total qua	ntity of plar	nts on	grou	nd						

aggent there and			Signature:
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46.Number and list of shrubs and bushes species to be planted in the podium RG:									
Serial Number		Name		C/C Dista	nce			Area m2	
1		NA	NA				NA		
47.Energy									
		Source of pow supply :	er	MSEDCL					
		During Constr Phase: (Dema Load)	During Construction Phase: (Demand Load)		Generator				
		DG set as Pow back-up durin construction p	er g ohase	Prime sourc	ce			-6	
Dor		During Operat phase (Connec load):	tion Cted	III Phase				10	
require	ement:	During Operat phase (Deman load):	tion d	240 volts					
		Transformer:		33 kv		6			
		DG set as Pow back-up durin operation pha	er g se:	1					
		Fuel used:		Disel					
		Details of high tension line pa through the p any:	n Assing lot if	NA	NA				
		48.Energ	y savi	ng by no	n-conv	vention	al met	thod:	
NA									
		<b>49.</b>	etail	calculati	ons &	% of sa	aving:		
Serial Number	E	nergy Conserva	tion M	easures Saving %					
1		NA		NA					
		50.De	tails	of pollution control Systems					
Source	Ex	isting pollution	contro	ol system			Propos	sed to be installed	
NA		N/	1					NA	
Budgetary (Capital	allocation	Capital cost:		NA					
O&M	cost):	O & M cost:		NA					
51	.Envire	onmental	Maı	nageme	ent pl	lan Bı	ıdget	tary Allocation	
		a) Co	nstru	ction pha	se (wi	ith Brea	ak-up)	):	
Serial Number	Attri	butes	Para	meter		Total (	Cost per	annum (Rs. In Lacs)	
1	N	IA	Ν	JA				NA	
		b) 0	perat	ion Phas	e (wit	h Breal	k-up):		
Serial Number	Comp	onent	Desci	ription	Capita	al cost Rs Lacs	. In (	Operational and Maintenance cost (Rs. in Lacs/yr)	
Abhay Pimp SEAC-I)	Abhay Pimparkar (Secretary SEAC-D			No: 158th (B) e: January 3, 2	,Day-2 N 2019	ſeeting	Page of	57 82 Signature: Name: Dr. Umakant Ganestreo Dangat Dr. Umakant Dangat (Chairman SEAC-I)	

1	ľ	JA	N	NA NA NA						
<b>51.S</b>	Storage	emicals	(infl sub	amabl stance	e/explo es)	osive/h	azardou	ıs/toxic		
Descri	Description Status Location		n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumpt / Month MT	ion n Source of Supply	Means of transportation		
N	A	NA	NA		NA	NA	NA	NA	NA	
			52.A	ny Ot	her Info	rmation	1	(		
No Informa	tion Availab	le							0	
			53.	Traffi	c Manag	gement				
		Nos. of t to the m design o confluer	he junction ain road & f ice:	NA		-		0		
		Number basemer	and area of nt:	NA						
		Number podia:	Number and area of podia:							
		Total Parking area:		NA						
		Area per car:		NA						
		Area per	Area per car:							
Parking	ı details:	Number Wheeler approve compete authorit	of 2- s as d by nt y:	NA						
		Number Wheeler approve compete authorit	of 4- s as d by nt y:	NA						
		<b>Public</b> T	ransport:	NA						
		Width of roads (n	f all Internal 1):	NA						
	C Y	CRZ/ RR obtain, i	Z clearance f any:	NA						
	9	Distance Protecte Criticall areas / E areas/ in boundar	e from d Areas / y Polluted co-sensitive ter-State ies	NA						
		Category schedule Notificat	y as per e of EIA tion sheet	NA						
		Court ca if any	ses pending	NA						

agenorations			Signature:
Abhay Pimparkar (Secretary	SEAC Meeting No: 158th (B) ,Day-2 Meeting	Page 58	Dr. Umakant Dangat
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	Other Relevant Informations	NA				
	Have you previously submitted Application online on MOEF Website.	Yes				
	Date of online submission	21-04-2017				
SEAC	DISCUSSION	<b>ON ENVIRONMENTAL ASPECTS</b>				
Environmental Impacts of the project	PP submitted EIA report the report. PP has condu- per EIA Notification, 20 EIA report environment	t to the committee. Various aspects of the Environment are discussed in ucted base line data collection for Air, Water, Soil & Noise parameters as 06 amended from time to time. As per data submitted by the PP in the al parameters are found within the prescribed limits on site.				
Water Budget	Project itself is irrigatio	n project.				
Waste Water Treatment	PP to ensure the domes meet the prescribed sta	PP to ensure the domestic waste water generated if any shall be collected and treated so as to meet the prescribed standards of CPCB.				
Drainage pattern of the project	Not Applicable	Not Applicable				
Ground water parameters	As per data submitted by PP, ground water parameters are within the prescribed limits at project site.					
Solid Waste Management	PP informed that excavated material was reused for back filling, guide bind, hearting and casing of Dam. Surplus material deposited on acquired land and proper dozing, leveling and compaction had been done.					
Air Quality & Noise Level issues	PP proposes intermitten suppression of dust. Use	t water sprinkling on haul roads, dumps, construction site for e of covered transportation vehicles, tree plantation.				
Energy Management	PP to ensure regular ma efficiency.	intenance of DG set to reduce air pollution and maximum energy				
Traffic circulation system and risk assessment	PP provided adequate a	pproach roads to the site.				
Landscape Plan	PP informed that 1520 I trees are proposed to be	Nos. of trees had been planted in the vicinity of site and 2119 nos. of e planted.				
Disaster management system and risk assessment	PP proposes adequate s	teps to handle an emergency.				
Socioeconomic impact assessment	PP has carried out socio	economic impact study and included in the EIA report.				
Environmental Management Plan	PP prepared EMP cost o	of Rs.14.59 Lakh as O & M cost to maintain environmental parameters.				
Any other issues related to environmental sustainability	Any other issues related 8.14 Lakhs with the Sta issued by MoEF&CC on	to environmental sustainability: PP to submit bank guarantee of Rs. te Pollution Control Board as cost of remediation plan as per Notification 3rd March 2018.				
	Brief informa	tion of the project by SEAC				



PP submitted proposal under 'violation' category as per Notification issued by MoEF&CC dated 08.03.2018.

The proposal was considerd in the 152nd meeting of SEAC-1 held on 14.06.2018. The details are as below,

The chronology of the project is as below,

1. PP started the work on 05.11.2011

2. PP submitted their application for prior Environment Clearance on 23.02.2009

3. SEAC granted ToR on 29.07.2009

4. Public Hearing was conducted on 27.05.2014

5. PP submitted EIA/EMP report on 27.06.2014

6. PP made presentation before SEAC on 01.01.2015 and 15.12.2015 wherein violation was detected.

7. PP received stop work on 01.12.2016

Now PP submitted application under violation category as per Notification dated 08.03.2018. The provisions in the notification are as follows,

(4) The cases of violations will be appraised by the Expert Appraisal Committee at the Central level or State or Union territory level Expert Appraisal Committee constituted under sub-section (3) of section 3 of the Environment (Protection) Act, 1986 with a view to assess that the project has been constructed at a site which under prevailing laws is permissible and expansion has been done which can run sustainably under compliance of environmental norms with adequate environmental safeguards, and in case, where the findings of Expert Appraisal Committee for projects under category A or State or Union territory level Expert Appraisal Committee for projects under category B is negative, closure of the project will be recommended along with other actions under the law.";

(5) \* In case, where the findings of the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee on point at sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and thatural and community resource augmentation plan and it shall be granted the dependent chapter in the environment impact assessment report by the accredited consultants, and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan and natural and commit and natural and community resource augmentation plan and natural and commit and commitation plan and natural and commit and prove and analysis of data for a environment laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of th

During deliberations PP requested,

As EIA and EMP as well as public hearing report are already prepared, it is submitted that SEAC-1 may kindly consider not discarding these reports because of following reasons,

1. The earthen dam is 70% completed and spillway (excluding gates) is 20% completed. The Gorge portion in the river section is yet to be carried out and no storage or no pounding is done to this date. As such there is no substantial change in river flow pattern and hence no change in the baseline data has taken place since preparation of EIA/EMP.

2. The land use pattern has not been altered by the works of project because the farmers till cultivating their land through acquired department.

3. The project lies in the hilly and tribal area of Dharni tehsil but the topography of area is such that water storage could not be created. The project is from Amravati District of Maharashtra State which is having maximum irrigation backlog and the project is initiated on the directions of Hon'ble Governor in order to mitigate irrigation backlog of the Vidharbha region. The project being monitored by Hon'ble Governor of Maharashtra under irrigation backlog removal program and is also included under Central Governments "Balingia Ja Sanjivan" program.

4. The project lies in Melghat area which is a Tribal Area and widely known for mal-nutrition and per capita income is far low than the national level due to non availability of irrigation facility.

5. Public money to the tune of 214.00 Cr. Stands invested on the project. Preparing EIA and EMP afresh would inevitably delay the project further by at least one more year, which would be against larger public interest.

6. The project being an irrigation project it has less impact and damage to the environment. However after completion of this project it will assist to enhance flora and fauna of environment hence the environment clearance may please be granted to the project.

It is requested that the SEAC-1 may kindly prescribe specific Terms of References for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and direct recasting EIA & EMP reports ( including public hearing report) submitted earlier by incorporating in them ecological damage, remediation plan etc. as asperate chapter as contemplated in the notification.

In view of above request from PP( this being a Government Project), SEAC in larger public interest decided to grant additional and specific ToR points for making necessary changes in the EIA/EMP reprot as per Notification dated 08.03.2018.

After detailed discussion with the PP and their acreedited consultant SEAC is of the opinion that no fresh public hearing is required as it was already conducted.

With this view, SEAC refers the proposal to SEIAA for approval as above and /or furhter guidelines in the matter.

The proposal was referred back by SEIAA with following remarks,

"SEIAA acknowledged and approved that no fresh public hearing is required as it was already conducted. The proposal was referred back to the SEAC-1 for further appraisal.

The proposal was considered in the154th meeting of SEAC-1 held on 29.08.2018 and decided to grant additional ToR pints for the preparation of revised EIA and EMP report as per EIA Notification, 2006 and amendment dated 08.03.2018.

PP submitted EIA/EMP report during 157th meeting held on 3rd November, 2018 wherein proposal was deferred for the want of additional information.

Now, PP submitted additional information and the proposal was appraised in its 158(B) meeting held on 03:01:2018.

## DECISION OF SEAC

Abhay Pimparkar (Secretary<br/>SEAC-I)SEAC Meeting No: 158th (B) ,Day-2 Meeting<br/>Date: January 3, 2019Page 60<br/>of 82Signature:<br/>Name: Dr. Umakant Gangetzo Dangat<br/>Dr. Umakant Dangat<br/>(Chairman SEAC-I)

After detailed deliberations with the PP and their accredited consultant it was observed that PP has prepared EIA report and Enviornment Management Plan comprising Ecological Damage Assessment and remedial Plan.

The remediation plan shows that, the cost of remediation will be Rs. 8.14 Lakhs.

As per Notification issued by MoEF&CC dated 08.03.2018, PP requires to submit the bank guarantee equal to the cost of remediation plan with Maharashtra Pollution Control Board.

In view of above SEAC decided to recommend the proposal for prior Environment Clearance subject to the strict compliance of EMP and submission bank guarantee with the Maharashtra Pollution Control Board and following conditions.

**Specific Conditions by SEAC:** 

2) PP to ensure to dispsoe of all kinds of waste/excess earth/muck as per prevailing rules.

Sile

3) PP to ensure to protect the plantation carried out and achieve above 90% survival of the plants.

4) PP to provide nosie barreirs during operation of the various machinaries on site to avoid nuisance of the noise to the surrounding environment.

5) PP to ensure that submergence area to be cleared before impounding of water in the reservior to ensure the quality of water.

### FINAL RECOMMENDATION

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

Abhay Pimparkar (Secretary<br/>SEAC-I)SEAC Meeting No: 158th (B) ,Day-2 Meeting<br/>Date: January 3, 2019Page 61<br/>of 82Signature:<br/>Name: Dr. Umakant Gaugetze Dangat<br/>Dr. Umakant Dangat<br/>(Chairman SEAC-I)

	158th (B) Meeting	g of State	e Level Expert Apprais	sal Commi	ttee (SEAC-1)	
	SEAC Meeting	number:	158th (B) ,Day-2 <b>Meetin</b>	<b>g Date</b> Janu	ary 3, 2019	
Subject: En	nvironment Clearance for	r Bordi Nalla	Medium Irrigation Project			
Is a Violati	ion Case: Yes					
1.Name of P	roject	Bordi Nalla M	ledium Irrigation Project Ta Cha	ndur Bajaar Dist	Amravati	
2.Type of ins	stitution	Government				
3.Name of P	roject Proponent	Executive En	gineer Irrigation Project and Wat	er Resources In	vestigation Division Amravati	
4.Name of C	onsultant	NEERI Nagp	ur		0	
5.Type of pr	oject	Not applicab	le			
6.New project/mod in existing p	ct/expansion in existing ernization/diversification roject	New Project			6	
7.If expansion whether envelope has been obtained project	on/diversification, ironmental clearance tained for existing	NA			8	
8.Location o	f the project	Mouja Kondv	vardha and Borgaon Mohna			
9.Taluka		Chandur Baja	aar			
10.Village		Amravati			9	
Corresponde	ence Name:	Mr. S G Rath	i, Executive Engineer			
Room Numb	er:	Irrigation Pro	oject and Water Resources Invest	igation Division	Amravati	
Floor:		Jalsampada H	Parisar			
<b>Building</b> Na	me:	NA				
<b>Road/Street</b>	Name:	Jail Road				
Locality:		Camp				
City:		Amravati				
11.Area of tl	he project	Grampancha	yat			
		NA				
12.10D/10A/ Approval Nu	Concession/Plan Imber	IOD/IOA/Concession/Plan Approval Number: Enter Details				
		Approved B	uilt-up Area: 00.00			
13.Note on t applicable)	he initiated work (If	NA	>*			
14.LOI / NO Other appro	C / IOD from MHADA/ vals (If applicable)	NA				
15.Total Plo	t Area (sq. m.)	NA				
16.Deductio	ns	NA				
17.Net Plot	area	NA				
10 (c) D		a) FSI area	(sq. m.): NA			
18 (a).Propo Non-FSI)	sed Built-up Area (FSI &	b) Non FSI	area (sq. m.): NA			
		c) Total BU	<b>A area (sq. m.):</b> 0.00			
10 (1) 1		Approved F	SI area (sq. m.): NA			
18 (b).Appro	oved Built up area as per	Approved N	on FSI area (sq. m.): NA			
		Date of App	roval: 01-01-1900			
19.Total gro	und coverage (m2)	NA				
20.Ground-c (Note: Perce to sky)	coverage Percentage (%) entage of plot not open	NA				
21.Estimate	d cost of the project	5159637000				
	22.Num	ber of l	ouildings & its o	onfigur	ation	
Serial number	Building Name & 1	number	Number of floors	He	ight of the building (Mtrs)	
				-		
0.0	Oranass				Signature:	

Abhay Pimparkar (Secretary SEAC-I)

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1	Ν	Not applicabl	e	ľ	Not applicable	Not applicable		
2	Ν	Not applicabl	е	ľ	Not applicable	Not applicable		
23.Number tenants an	r of d shops	NA						
24.Number of expected residents / NA users								
25.Tenant per hectar	density e	NA						
26.Height building(s)	ght of the ng(s)							
27.Right of way (Width of the road from the nearest fire NA station to the proposed building(s)					86			
28.Turning for easy ac fire tender movement around the excluding for the pla	urning radius asy access of ender ment from all nd the building ding the width he plantation							
29.Existing structure	g (s) if any	NA						
30.Details of the demolition with disposal (If applicable)				00				
			<b>31.</b> P	Production Details				
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)		
1	N	ΙA	N	IA NA NA				
		3	32.Tota	l Wate	r Requiremen	t		
		Source of	water	NA				
		Fresh wate	er (CMD):	NA				
		Recycled w Flushing (	vater - CMD):	NA				
		Recycled w Gardening	vater - (CMD):	NA				
	SY	Swimming make up (	pool Cum):	NA				
Dry season:	1:	Total Wate Requireme :	er ent (CMD)	NA				
		Fire fightin Undergrou tank(CMD	ng - Ind water ):	NA				
		Fire fightin Overhead tank(CMD	ng - water ):	NA				
		Excess trea	ated water	NA				

agent marsh	SEAC Monthe a No. 1594b (D) Day 2 Monthe a	Pres 63	Signature:
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		Source of wa	ter	NA					
		Fresh water	(CMD):	NA					
		Recycled wat Flushing (CM	er - ID):	NA					
		Recycled wat Gardening (C	er - CMD):	NA					
		Swimming po make up (Cu	ool m):	NA					
Wet seasor	n:	Total Water Requirement :	(CMD)	NA					
		Fire fighting Underground tank(CMD):	- I water	NA				-6	
		Fire fighting Overhead wa tank(CMD):	- ter	NA				8	
		Excess treate	ed water	NA					
Details of 9 pool (If any	Swimming y)	Not applicable	<del>)</del>			C			
		33	.Detail	s of Total	l water co	nsume	d		
Particula rs	Cons	sumption (CM	D)	I	loss (CMD)	5	Effluent (CMD)		
Water	<b>.</b>	Proposed Total						_	
Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Require ment Domestic	NA	Proposed           NA	<b>Total</b> NA	Existing NA	Proposed NA	<b>Total</b> NA	<b>Existing</b> NA	Proposed NA	<b>Total</b> NA
Require ment Domestic	NA	Proposed           NA	<b>Total</b> NA	Existing NA	Proposed NA	<b>Total</b> NA	Existing NA	Proposed NA	<b>Total</b> NA
Require ment       Domestic	NA	Proposed       NA       Level of the 0       water table:	Total NA Ground	Existing NA NA	Proposed NA	<b>Total</b> NA	<b>Existing</b> NA	Proposed       NA	<b>Total</b> NA
Require ment       Domestic	NA	Proposed         NA         Level of the (water table:         Size and no (tank(s) and Quantity:	Total NA Ground of RWH	Existing NA NA	Proposed NA	Total       NA	<b>Existing</b> NA	Proposed       NA	<b>Total</b> NA
Require ment         Domestic	NA	Proposed         NA         Level of the (water table:         Size and no (tank(s) and Quantity:         Location of tank(s):	Total NA Ground of RWH	Existing NA NA NA	Proposed	Total       NA	<b>Existing</b> NA	Proposed       NA	Total       NA
Require ment         Domestic         34.Rain V         Harvestir	NA NA Water	ProposedNALevel of the (water table:Size and no oftank(s) andQuantity:Location of ttank(s):Quantity of rpits:	Total NA Ground of RWH he RWH echarge	Existing NA NA NA NA	Proposed	Total       NA	Existing	Proposed       NA	Total       NA
Require ment         Domestic         34.Rain V         Harvestir         (RWH)	NA NA Water ng	Proposed         NA         Level of the (water table:         Size and no of tank(s) and Quantity:         Location of tank(s):         Quantity of r pits:         Size of rechates:	Total NA Ground of RWH he RWH echarge rge pits	Existing NA NA NA NA NA	Proposed	Total       NA	Existing	Proposed NA	Total
Require ment         Domestic         34.Rain V         Harvestir         (RWH)	NA NA	Proposed         NA         Level of the (water table:         Size and no of tank(s) and         Quantity:         Location of tank(s):         Quantity of r         pits:         Size of rechates:         Budgetary all (Capital cost)	Total NA Ground of RWH echarge rge pits location ) :	Existing NA NA NA NA NA NA	Proposed NA	Total	Existing	Proposed NA	Total       NA
Require ment         Domestic         34.Rain V         Harvestir         (RWH)	NA NA	Proposed         NA         Level of the G         water table:         Size and no G         tank(s) and         Quantity:         Location of t         tank(s):         Quantity of r         pits:         Size of rechaa         :         Budgetary al         (O & M cost)	Total NA Ground of RWH he RWH echarge rge pits location :	Existing NA NA NA NA NA NA NA NA	Proposed NA	Total	Existing	Proposed NA	Total
Require ment         Domestic         34.Rain V         Harvestir         (RWH)	NA NA	Proposed         NA         Level of the G         water table:         Size and no G         tank(s) and         Quantity:         Location of t         tank(s):         Quantity of r         pits:         Size of rechands:         Budgetary all         (Capital cost)         Details of UG         if any :	Total NA Ground of RWH he RWH echarge rge pits location ) : location : T tanks	Existing NA	Proposed NA	Total	Existing	Proposed         NA	Total
Require ment         Domestic         34.Rain V         Harvestir         (RWH)	NA NA	Proposed         NA         Level of the G         water table:         Size and no G         tank(s) and         Quantity:         Location of t         tank(s):         Quantity of r         pits:         Size of rechange         Budgetary all         (Capital cost)         Details of UG         if any :	Total NA Ground of RWH he RWH echarge rge pits location ) : location ST tanks	Existing NA	Proposed NA	Total         NA	Existing	Proposed         NA	Total
Require ment         Domestic         34.Rain V         Harvestir (RWH)	NA NA	Proposed         NA         Level of the G         water table:         Size and no G         tank(s) and         Quantity:         Location of t         tank(s):         Quantity of r         pits:         Size of rechai         Budgetary al         (Capital cost)         Details of UG         if any :	Total NA Ground of RWH he RWH echarge rge pits location ) : location cr tanks	Existing NA	Proposed NA	Total NA	Existing	Proposed         NA         Image: Constraint of the second	Total NA
Require ment         Domestic         34.Rain V         Harvestir         (RWH)         35.Storm         drainage	NA NA Water ng water	Proposed         NA         Level of the G         water table:         Size and no G         tank(s) and         Quantity:         Location of t         tank(s):         Quantity of r         pits:         Size of recha         :         Budgetary al         (Capital cost)         Details of UG         if any :         Natural wate         drainage pat         Quantity of s         water:	Total NA Ground of RWH he RWH echarge rge pits location ) : location cation cation cation	Existing NA	Proposed NA	Total         NA	Existing	Proposed NA	Total NA

agger or anger			Signature: Name: Dr. Umakant Gangetreo Dangat
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		Sewage ge in KLD:	neration	NA				
Sewage and		STP techn	ology:	NA				
		Capacity o (CMD):	f STP	NA				
Waste w	ater	Location & the STP:	area of	NA				
		Budgetary (Capital co	allocation ost):	NA				
		Budgetary (O & M cos	allocation st):	NA				
			<b>36.Soli</b>	d waste Mana	gement	6		
Waste gen	eration in	Waste gen	eration:	NA		8		
the Pre Co and Constr phase:	nstruction ruction	Disposal o constructi debris:	f the on waste	NA				
		Dry waste:		NA				
		Wet waste	•	NA				
Waste ge	neration	Hazardous	waste:	NA				
in the op Phase:	eration	Biomedical waste (If applicable):		NA				
		STP Sludg sludge):	e (Dry	NA	<b>)</b>			
		Others if a	ny:	NA				
		Dry waste:		NA				
		Wet waste:		NA				
Madaafi	Diamagal	Hazardous waste:		NA				
of waste:	Disposai	Biomedical waste (If applicable):		NA				
		STP Sludge (Dry sludge):		NA				
		Others if a	ny:	NA				
		Location(s	):	NA				
Area requirem	ent:	Area for th of waste & material:	e storage other	NA				
		Area for m	achinery:	NA				
Budgetary	allocation	Capital cos	st:	NA				
(Capital co O&M cost)	st and :	O & M cos	t:	NA				
			37.Ef	fluent Charectere	estics			
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)		
1	N	A	NA	NA	NA	NA		
Amount of e (CMD):	effluent gene	eration	NA					
Capacity of the ETP: NA								

age of the ser			Signature:
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Amount of t recycled :	Amount of treated effluent NA									
Amount of v	water send t	o the CETP:	CETP: NA							
Membershi	p of CETP (i	f require):	NA							
Note on ET	P technolog	y to be used	NA							
Disposal of	the ETP slue	dge	NA							
			38	B.Ha	zardous	Waste	D	etails		
Serial Number	Desci	ription	Ca	Cat UOM			J	Proposed	Total	Method of Disposal
1	Ν	JA	NA	4	NA	NA		NA	NA	NA
			3	<b>9.S</b> t	acks em	ission	De	etails		Ċ
Serial Number	r Section & units F		Fu	el Us Qua	ed with ntity	Stack No	).	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Ν	JA		Ν	Ā	NA		NA	NA	NA
			40	).De	tails of F	uel to	be	e used		
Serial Number	Туј	pe of Fuel			Existing			Proposed	3	Total
1		NA			NA		NANA			NA
41.Source of	of Fuel			NA						
42.Mode of	Transportat	tion of fuel to	site	NA				7		
		Total RG a	rea :		NA					
		No of trees	s to be	cut	NA					
43.Gree	n Belt	Number of be planted	trees to : NA							
Develop	ment	List of pro native tree	posed s :	X	NA					
		Timeline for completion plantation	or 1 of :	7	NA					
	<b>44.Nu</b>	mber and	l list	of t	rees spe	cies to	be	e plante	d in the	ground
Serial Number	Name of	the plant	Со	mmo	n Name	Qu	ıar	ntity	Charact	eristics & ecological importance
1	N	JA		N	A		N.	A		NA
45	.Total qua	ntity of plan	ts on	groui	nd					
46.Num	nber and	list of sl	irub	s an	d bushes	s specie	s	to be pla	anted in	the podium RG:
Serial Number		Name			C/C Dista	nce			Are	a m2
1		NA			NA				Ν	JA
	47.Energy									



		Source of	power					
		supply :		NA				
		During Co Phase: (De Load)	nstruction mand	NA				
Power requirement: DG set as I back-up du construction During Op phase (Con load): During Op phase (Den load):		DG set as back-up du construction	Power 1ring on phase	NA				
		eration nnected	NA					
		During Op phase (Der load):	eration nand	NA		Ć		
		Transform	er:	NA				
		DG set as back-up du	Power ıring phase:	NA				
		Fuel used:		NA				
	Details of tension lin through the any:		high le passing le plot if	NA				
		<b>48.Ene</b>	rgy savi	ng by noi	n-conventiona	l method:		
NA								
		4	9.Detail	calculati	ons & % of sa	ving:		
Serial								
Number	E	nergy Cons	ervation Mo	easures Saving %				
1			NA	NA				
		50	.Details	of pollution control Systems				
Source	Ex	isting pollu	tion contro	l system		Proposed to be installed		
NA			NA			NA		
Budgetary	allocation	Capital co	st:	NA				
(Capital O&M	cost and cost):	O & M cos	t;	NA				
51	.Envir	onment	al Mar	nageme	nt plan Bu	dgetary Allocation		
		a)	Construc	ction pha	se (with Brea	k-up):		
Serial Number	Attri	butes	Parai	neter	Total Co	ost per annum (Rs. In Lacs)		
		nagement Medical			16.51			
1	Health Ma Pl	anagement an	Medical	Facilities		16.51		
1	Health Ma Pl Bio Di Conserva	anagement an versity ition Plan	Medical Bio Di Conse	Facilities versity ervati		16.51 15.00		
1 2 3	Health Ma Pl Bio Di Conserva Fisheries D and Manag	anagement an versity tion Plan evelopment ement Plan	Medical Bio Dir Conse Fisheries D	Facilities versity ervati evelopment		16.51 15.00 0.00		
1 2 3	Health Ma Pl Bio Di Conserva Fisheries D and Manag	anagement an versity tion Plan evelopment ement Plan <b>b</b>	Medical Bio Dir Conse Fisheries D <b>) Operat</b>	Facilities versity ervati evelopment <b>ion Phas</b>	e (with Break	16.51 15.00 0.00 -up):		
1 2 3 Serial Number	Health Ma Pl Bio Di Conserva Fisheries D and Manag	anagement an versity tion Plan evelopment ement Plan <b>b</b> onent	Medical Bio Dir Conse Fisheries D Descr Descr	Facilities versity ervati evelopment ion Phas iption	e <b>(with Break</b> Capital cost Rs. Lacs	16.51         15.00         0.00         -up):         In       Operational and Maintenance cost (Rs. in Lacs/yr)		
1 2 3 Serial Number 1	Health Ma Pl Bio Di Conserva Fisheries D and Manag <b>Comp</b> Affore	anagement an versity tion Plan evelopment ement Plan <b>b</b> onent station	Medical Bio Dir Conse Fisheries D Descr Affores	Facilities versity ervati evelopment <b>ion Phas</b> <b>iption</b> station	e (with Break Capital cost Rs. Lacs 0.76	16.51         15.00         0.00         -up):         In         Operational and Maintenance cost (Rs. in Lacs/yr)         0.76		

2 - Or Ortheses			Signature:
CEOP			Name: Dr. Umakant Gangatrao Dangat
Abhay Pimparkar (Secretary	SEAC Meeting No: 158th (B) ,Day-2 Meeting	<b>Page 67</b>	Dr. Umakant Dangat
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2	Engineering Measures Engineering				g Measures 14.70 14.75						
51.	51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)										
Desc	escription 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			
]	NAe	NA	NA		NA	NA	NA	NA	NA		
			52.A	ny Ot	her Info	rmation	1	C			
No Inform	mation Availab	le									
			53.	Traffi	c Manag	gement		A 0			
		Nos. of t to the m design o confluer	the junction ain road & f ace:	NA		5	6	<b>Y</b>			
		Number basemer	and area of nt:	NA							
		Number and area of podia:		NA							
		Total Pa	Total Parking area:		NA						
		Area per	car:	NA							
		Area per	car:	NA							
Parki	ng details:	Number Wheeler approve compete authorit	of 2- s as d by ent y:	NA							
			of 4- s as d by ent y:	NA							
		<b>Public</b> T	ransport:	NA							
		Width of all Internal roads (m):		NA							
		CRZ/ RR obtain, i	Z clearance f any:	NA							
	9	Distance Protecte Criticall areas / F areas/ in boundar	e from ed Areas / y Polluted Cco-sensitive ater-State ies	NA							
		Category schedule Notifica	y as per e of EIA tion sheet	Catego	ry B						
		Court ca if any	ses pending	NA							

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	Other Relevant Informations	The ICA (Irrigation Command Area) of the project is 4126 ha and falls in the medium category. It is proposed to irrigate 489 ha by lift irrigation system and 3637 ha by flow canal. The area under submergence would be 627.16 ha which constitutes 588.59 ha of private land, 12.72 ha of forest land and 25.85 ha of Govt. land. It is proposed to divert the river Megha into the Bordi Nalla with the help of intake structure at village Pala, using a feeder canal upto the origin of Bordi Nalla. Bordi Nalla is proposed to carry 21.049 Mm3 of flood water into the Bordi dam. An earthen dam of length Executive Summary (ii) 1620 m and height of 17.97 m is proposed across the Bordi Nalla. The dam will have side gated spillway of size 8m x 2m to pass the designed flood of 1325.76 cumec. It is proposed to lift the stored water in Bordi Dam into the balancing tank of 5.914 Mm3 store capacity. Farmers from the village Kondwardha and Inyatpur will lift the water from barrage to irrigate 489 ha area. In this scheme 2.631 Mm3 of water is reserved for the drinking water purpose. Submergence under the Bordi main Dam is 273.05 ha and it includes 12.72 ha of forest area. The storage capacity of dam is as follows: (a) Dead Storage : 1.048 Mm3 (b) Live Storage : 17.446 Mm3 (c) Gross Storage at F.R.L. : 18.494 Mm3
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	01-01-1900
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	PP submitted EIA report the report PP has condu- per EIA Notification, 20 EIA report environment	t to the committee. Various aspects of the Environment are discussed in acted base line data collection for Air, Water, Soil & Noise parameters as 06 amended from time to time. As per data submitted by the PP in the al parameters are found within the prescribed limits on site.
Water Budget	Project itself is irrigation	n project.
Waste Water Treatment	PP to ensure the domest meet the prescribed stat	tic waste water generated if any shall be collected and treated so as to ndards of CPCB.
Drainage pattern of the project	Not Applicable	
Ground water parameters	As per data submitted b project site.	y PP, ground water parameters are within the prescribed limits at
Solid Waste Management	PP informed that excava of Dam. Surplus materia compaction had been do	ated material was reused for backfilling, guide bind, hearting and casing al deposited on acquired land and proper dozing, leveling and one.
Air Quality & Noise Level issues	PP proposes intermitten suppression of dust. Use	t water sprinkling on haul roads, dumps, construction site for e of covered transportation vehicles, tree plantation.
Energy Management	PP to ensure regular ma efficiency.	intenance of DG set to reduce air pollution and maximum energy



Traffic circulation system and risk assessment	PP provided adequate approach roads to the site.
Landscape Plan	PP informed that 1170 Nos. of trees had been planted in the vicinity of site and 7517 nos. of trees are proposed to be planted.
Disaster management system and risk assessment	PP proposes adequate steps to handle an emergency.
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.
Environmental Management Plan	PP prepared EMP cost of Rs.13.60 Lakh as O & M cost to maintain environmental parameters.
Any other issues related to environmental sustainability	PP to submit bank guarantee of Rs. 21.76 Lakhs with the State Pollution Control Board as cost of remediation plan as per Notification issued by MoEF&CC on 3rd March 2018.
Brief information of the project by SEAC	
Stilleringhand	

age on the set Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 158th (B) ,Day-2 Meeting Date: January 3, 2019

Signature: Name: Dr. Umakant Gangatrao Dangat Dr. Umakant Dangat Page 70 of 82 (Chairman SEAC-I)

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### The proposal was considered in the 152nd meeting of SEAC - 1.

PP submitted proposal under 'violation' category as per Notification issued by MoEF&CC dated 08.03.2018.

The chronology of the project is as below,

1. PP started the work on 22.01.2008

2. PP submitted their application for prior Environment Clearance on 20.11.2011

3. SEAC granted ToR on 08.06.2012

4. Public Hearing was conducted on 29.05.2014

5. PP submitted EIA/EMP report on 01.01.2015

6. PP made presentation before SEAC on 19.11.2015 wherein violation was detected.

7. PP received stop work on 23.01.2017

Now PP submitted application under violation category as per Notification dated 08.03.2018. The provisions in the notification are as follows

(4) The cases of violations will be appraised by the Expert Appraisal Committee at the Central level or State or Union territory level Expert Appraisal Committee constituted under sub-section (3) of section 3 of the Environment (Protection) Act, 1986 with a view to assess that the project has been constructed at a site which under prevailing laws is permissible and expansion has been done which can run sustainably under compliance of environmental norms with adequate environmental safeguards, and in case, where the findings of Expert Appraisal Committee for projects under category A or State or Union territory level Expert Appraisal Committee for projects under category B is negative, closure of the project will be recommended along with other actions under the law.";

(5) " In case, where the findings of the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee on point at sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment accredited consultants, and the collection and analysis of data for assessment of coological damage, preparation plan and analysis of data for assessment of coological damage, preparation of remediation plan and natural and community resource augmentation of remediation plan and natural and community resource augmentation of a constraint of neuroimation plan and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or a environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of the Council of Scientific and Industrial Research institution working in the field of environment.",

During deliberations PP requested ,

As EIA and EMP as well as public hearing report are already prepared, it is submitted that SEAC-1 may kindly consider not discarding these reprots because of following reasons

(a) The works of projects along the dam line and along the diversion canal for some length have been completed. No contemplated diversion of 21.05 Mm3 of water has been effected. As such there is no substantial change in river flow patterns and hence no change in the baseline data has taken place since preparation of EIA and EMP report.

(b) The land use pattern has not been altered by the works of the project carried out so far.

(c) The project is coming up in the area of the State which is the most backward in so far as irrigation facilities are concerned. This area also records high incidence of farmer suicides

(d) Public Money to the tune of Rs. 278 Crore stands invested on the project. Preparing EIA and EMP afresh would inevitably delay the project further by atlesat one year, which would be against larger public interest.

It is requested that the SEAC-1 may kindly prescribe specific ToR for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and direct recasting EIA & EMP Reports (including Public Hearing Report) submitted earlier, by incorporating in the ecological damage, remediation plan etc. as a seperate chapter, as contemplated in the Notification dated 08.03.2018.

In view of above request from PP( this being a Government Project), SEAC in larger public interest decided to grant additional and specific ToR points for making necessary changes in the EIA/EMP reprot as per Notification dated 08.03.2018.

After detailed discussion with the PP and their acrredited consultant SEAC is of the opinion that no fresh public hearing is required as it was already conducted.

With this view, SEAC refers the proposal to SEIAA for approval as above and /or furhter guidelines in the matter.

The proposal was referred back by SEIAA with following remarks:

"SEIAA acknowledged and approved that no fresh public hearing is required as it was already conducted. The proposal was referred back to the SEAC-1 for further appraisal."

The proposal was considered in the 154th meeting of SEAC-1 held on 29.08.2018 and decided to grant additional ToR points for preparation of revised EIA and EMP reprots as per EIA Notification, 2006 and amendment dated 08.03.2018

PP submitted EIA/EMP report during 157th meeting held on 3rd November, 2018 where in proposal was deferred for the want of additional information.

Now PP submitted additional information and proposal was appraised in its 158(B) meeting held on 03 01 2018

# DECISION OF SEAC



After detailed deliberations with the PP and their accredited consultant, it is observed that, PP has prepared EIA report and Enviornment Management Plan comprising Ecological Damage Assessment and remedial Plan.

The remediation plan shows that, the cost of remediation is estimated to the tune of Rs. 21.76 Lakhs.

As per Notification issued by MoEF&CC dated 08.03.2018, PP requires to submit the bank guarantee equal to the cost of remediation plan and natural and comminity resource augmentation plan with the Maharashtra Pollution Control Board.

In view of above SEAC decided to recommend the proposal to SEIAA for prior Environment Clearance subject to the strict compliance of EMP, submission bank guarantee of Rs. 21.76 Lakhs with the Maharashtra Pollution Control Board and adherence to the following conditions.

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

SHACE

2) PP to ensure to dispsoe of all kinds of waste/excess earth/muck as per prevailing rules.

3) PP to ensure proper maintenance and protection of tree plantation and achieve maximum possible survival.

4) PP to provide nosie barreirs during operation of the various machinaries on site to avoid nuisance of the noise to the surrounding environment.

5) PP to ensure that submergence area to be cleared before impounding of water in the reservior to ensure the quality of water.

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

### FINAL RECOMMENDATION

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


158th (B) Meeti	ng of State	e Level Expert Appraisa	l Committee (SEAC-1)							
SEAC Meetin	g number:	158th (B) ,Day-2 Meeting	Date January 3, 2019							
Subject: Environment Clearance	for Environme	nt Clearance for Wasani Mediu	n Project							
Is a Violation Case: Yes										
1.Name of Project	Wasani Medi	um Project Tg. Achalpur Dis. Amray	ati							
2.Type of institution	Government	Government								
3.Name of Project Proponent	Executive En	Executive Engineer Amravati Medium Project Division Amravati								
4.Name of Consultant	M/s Mechatr	M/s Mechatronics System Pvt. Ltd								
5.Type of project	NA	5								
6.New project/expansion in existing project/modernization/diversification in existing project	J on New Project	New Project								
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA	NA								
8.Location of the project	132									
9.Taluka	Achalpur									
10.Village	Wasni									
Correspondence Name:	Executive En	gineer, Amravati Medium Project D	vision Amravati							
Room Number:	NA									
Floor:	NA									
Building Name:	Sinchan Seva	a Bhavan								
Road/Street Name:	Shivaji nagar	Shivaji nagar								
Locality:	Panchavati	Panchavati								
City:	Amravati	Amravati								
11.Area of the project	Corporation	Corporation								
12.IOD/IOA/Concession/Plan	NA									
Approval Number	IOD/IOA/Co	Approved Built up Areas 520								
	Approved B	uilt-up Area: 520								
13.Note on the initiated work (If applicable)	NA									
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA									
15.Total Plot Area (sg. m.)	NA									
16.Deductions	NA									
17.Net Plot area	NA									
	a) FSI area	(sg. m.): NA								
18 (a).Proposed Built-up Area (FSI	& b) Non FSI a	area (sg. m.): NA								
Non-FSI)	c) Total BU	A area (sg. m.):								
67	Approved FS	SI area (sg. m.): NA								
18 (b).Approved Built up area as pe	er Approved N	on FSI area (sq. m.): NA								
DCR	Date of App	roval: 14-02-2008								
19.Total ground coverage (m2)	NA									
20.Ground-coverage Percentage (% (Note: Percentage of plot not open to sky)	) NA									
21.Estimated cost of the project	751.67									
22.Nur	nber of l	ouildings & its co	nfiguration							
Serial number Building Name	& number	Number of floors	Height of the building (Mtrs)							
Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting N Date	No: 158th (B) ,Day-2 Meeting : January 3, 2019	Page 73 of 82 Dr. Umakant Dangat (Chairman SEAC-I)							

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1		NA			NA	NA					
23.Number tenants an	r of d shops	Not applica	Not applicable								
24.Number expected r users	r of esidents /	NA									
25.Tenant per hectar	density e	NA	4								
26.Height building(s)	of the )										
27.Right o (Width of the from	f way the road earest fire the ouilding(s)	3									
28.Turning for easy ac fire tender movement around the excluding for the pla	g radius ccess of from all e building the width ntation	NA				1001°					
29.Existing structure	g (s) if any	NA	IA								
30.Details demolition disposal (I applicable	of the with f )	NA			000						
			31.P	roduct	ion Details						
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)					
1	Ν	A	Ν	A	NA	NA					
		3	2.Tota	l Wate	r Requiremer	nt					
		Source of	water	NA							
		Fresh wate	er (CMD):	NA							
		Recycled v Flushing (	vater - CMD):	NA							
		Recycled v Gardening	vater - (CMD):	NA							
Dry season:		Swimming make up (	pool Cum):	NA							
		Total Wate Requireme :	er ent (CMD)	NA							
		Fire fightin Undergrou tank(CMD	ng - Ind water ):	NA							
		Fire fightin Overhead tank(CMD)	ng - water ):	NA							
		Excess treated	ated water	NA							

age of the set			Signature: Name: Dr. Untakant Gangatzao Dangat
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		Source of wa	ter	NA					
		Fresh water	(CMD):	NA					
		Recycled wat Flushing (CM	er - ID):	NA					
		Recycled wat Gardening (C	er - CMD):	NA					
		Swimming po make up (Cu	ool m):	NA					
Wet seasor	1:	Total Water Requirement :	(CMD)	NA					
		Fire fighting Underground tank(CMD):	- I water	NA				-6	
		Fire fighting Overhead wa tank(CMD):	- ter	NA				8	
		Excess treate	ed water	NA					
Details of 9 pool (If any	Swimming y)	Not applicable	<del>)</del>			C			
		33.	.Detail	s of Total	l water con	nsume	đ		
Particula rs	Consumption (CMD)			I	.oss (CMD)	S	Effluent (CMD)		
Water	Evicting	Dropocod	Tatal						
ment	Existing	rioposeu	10141	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	NA	NA	NA	NA	Proposed NA	NA	Existing NA	Proposed NA	<b>Total</b> NA
Domestic	NA	NA	NA	NA	Proposed NA	NA	<b>Existing</b> NA	Proposed NA	<b>Total</b> NA
Domestic	NA	NA Level of the ( water table:	NA Ground	NA NA	NA	NA	Existing NA	Proposed       NA	<b>Total</b> NA
Domestic	NA	NA Level of the ( water table: Size and no o tank(s) and Quantity:	NA Ground of RWH	NA NA NA	NA	NA	<b>Existing</b> NA	Proposed       NA	Total       NA
Domestic	NA	NA Level of the ( water table: Size and no of tank(s) and Quantity: Location of t tank(s):	NA Ground of RWH	Existing     NA     NA     NA	NA	NA	Existing       NA	NA	Total       NA
34.Rain V Harvestir	NA NA	NA Level of the ( water table: Size and no of tank(s) and Quantity: Location of t tank(s): Quantity of r pits:	NA Ground of RWH he RWH echarge	Existing     NA     NA     NA     NA     NA	NA	NA	Existing	Proposed       NA	Total
34.Rain V Harvestir (RWH)	NA NA	NA Level of the ( water table: Size and no of tank(s) and Quantity: Location of t tank(s): Quantity of r pits: Size of recha	NA Ground of RWH he RWH echarge rge pits	Existing NA NA NA NA NA	NA	NA	Existing	Proposed       NA	Total
34.Rain V Harvestir (RWH)	NA NA	NA         Level of the Q         water table:         Size and no Q         tank(s) and Q         Quantity:         Location of t         tank(s):         Quantity of r         pits:         Size of rechat         Budgetary al         (Capital cost	NA Ground of RWH he RWH echarge rge pits location ) :	Existing NA NA NA NA NA NA	NA	NA	Existing	Proposed NA	Total
34.Rain V Harvestir (RWH)	NA NA	NA         Level of the Q         water table:         Size and no Q         tank(s) and         Quantity:         Location of t         tank(s):         Quantity of r         pits:         Size of rechaa         :         Budgetary al         (Capital cost)	NA Ground of RWH he RWH echarge rge pits location ) : location	NA	Proposed	Total       NA	Existing	Proposed NA	Total
34.Rain V Harvestir (RWH)	NA NA	NA         Level of the Q         water table:         Size and no Q         tank(s) and Q         Quantity:         Location of t         tank(s):         Quantity of r         pits:         Size of rechai         Budgetary al         (Capital cost)         Details of UQ         if any :	NA Ground of RWH he RWH echarge rge pits location ) : location : T tanks	Existing NA	Proposed	Total       NA	Existing	Proposed NA	Total
34.Rain V Harvestir (RWH)	NA NA	NA         Level of the Q         water table:         Size and no Q         tank(s) and Q         Quantity:         Location of t.         tank(s):         Quantity of r         pits:         Size of rechat:         Budgetary all         (Capital cost)         Details of UC         if any :	NA Ground of RWH he RWH echarge rge pits location ) : location : T tanks	Existing NA	Proposed	Total       NA	Existing	Proposed         NA	Total
34.Rain V Harvestir (RWH)	NA NA	NA         Level of the Q         water table:         Size and no Q         tank(s) and Q         Quantity:         Location of t         tank(s):         Quantity of r         pits:         Size of rechands:         Budgetary all         (Capital cost)         Details of UG         if any :	NA Ground of RWH he RWH echarge rge pits location ) : location : T tanks	Existing NA	Proposed NA	Total       NA	Existing	Proposed         NA	Total
34.Rain V Harvestir (RWH) 35.Storm drainage	NA NA Water ng water	Image: Proposed         NA         Level of the Quartity:         Size and no Quantity:         Location of t         tank(s) and         Quantity:         Location of t         tank(s):         Quantity of r         pits:         Size of rechands:         Budgetary all         (Capital cost)         Details of UC         if any :         Natural wate         drainage pat         Quantity of s         water:	NA Ground of RWH he RWH echarge rge pits location ) : location CT tanks r tern: torm	Existing       NA       NA	Proposed NA	Iotal       NA	Existing	Proposed NA	Total

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		Sewage ge in KLD:	neration	NA				
		STP techno	ology:	NA				
Sowago and		Capacity o (CMD):	f STP	NA				
Waste w	ater	Location & the STP:	area of	NA				
		Budgetary (Capital co	allocation ost):	NA				
		Budgetary (O & M cos	allocation st):	NA				
			36.Soli	d waste Mana	gement	6		
Waste gen	eration in	Waste gen	eration:	NA		8		
the Pre Co and Constr phase:	nstruction ruction	Disposal o constructi debris:	f the on waste	NA				
		Dry waste:		NA				
		Wet waste	0 0	NA				
Waste ge	neration	Hazardous	waste:	NA				
in the ope Phase:	operation Biomedical wast applicable):			NA				
		STP Sludg sludge):	e (Dry	NA	9			
		Others if a	ny:	NA				
		Dry waste:		NA				
		Wet waste	•	NA				
		Hazardous	waste:	NA				
of waste:	Disposal	Biomedica applicable	l waste (If ):	NA				
		STP Sludg sludge):	e (Dry	NA				
		Others if a	ny:	NA				
		Location(s	):	village Wasani khurd				
Area requirem	ent:	Area for th of waste & material:	e storage other	358 Ha				
		Area for m	achinery:	NA				
Budgetary	allocation	Capital cos	st:	751.78 Cr				
(Capital co O&M cost)	st and :	O & M cos	t:	NA				
37.Ef			37.Ef	fluent Charectere	estics			
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)		
1	N	A	NA	NA	NA	NA		
Amount of e (CMD):	effluent gene	eration	NA					
Capacity of the ETP: NA			NA					

age others			Signature:
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Amount of t recycled :	created efflue	ent	NA							
Amount of v	water send t	o the CETP:	NA							
Membershi	p of CETP (if	f require):	NA							
Note on ET	P technology	y to be used	NA							
Disposal of	the ETP sluc	idge NA								
38.Hazardous Waste Details										
Serial Number	Descr	iption	C	at	UOM	Exis	ting	Proposed	Total	Method of Disposal
1	N	IA	Ν	NA NA			A	NA	NA	NA
			3	89.St	acks em	issio	n De	etails		<u> </u>
Serial Number	Section	& units	Fı	uel Us Qua	ed with ntity	Stacl	k No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	N	IA		Ν	A	Ν	A	NA	NA	NA
			4	0.De	tails of F	uel	to be	e used		
Serial Number	Тур	oe of Fuel			Existing			Proposed	3	Total
1		NA			NA		NA NA			NA
41.Source of Fuel NA										
42.Mode of Transportation of fuel to				NA				<u> </u>		
		Total RG a	rea :		55 ha at foo	ot of da	am and	d along the c	anal and div	version road
		No of trees	s to be	e cut	891					
43.Gree	n Belt	Number of be planted	f trees	trees to 25000						
Develop	ment	List of pro native tree	posed Nimb, kanchana, shisav, shiras, babul, dharang, chincha, glirchidia, cassia					, chincha, glirchidia,		
		Timeline f completion plantation	or 1 of :		3 years					
	44.Nu	mber and	l list	t of t	rees spe	cies	to b	e plante	d in the	ground
Serial Number	Name of	the plant	Co	ommo	n Name		Qua	ntity	Charact	eristics & ecological importance
1	Azadiracl	hta Indica		Ni	mb		90	00		NA
2	Bauhinia	variegata		Kamo	chana		20	00		NA
3	Dalk	pergi		shi	sav		20	00		NA
4	Albi	izzia		shi	ras		20	00		NA
5	Acc	acia		ba	bul		20	00		NA
6	pona	amia		dha	rang		20	00		NA
7	tamarind	lus indica		chi	nch		20	00		NA
8	Glicidica	maculata		Glire	cidia		20	00		NA
9	Cassia	Siamea		Cas	ssia		20	00		NA
45	5.Total qua	ntity of plan	ts on	grou	nd					

CHR455			Signature:
adrender			
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46.Num	nber and	list of shru	bs an	d bushes	speci	ies to b	e plan	ited in the podium RG:	
Serial Number		Name		C/C Dista	nce			Area m2	
1		NA						NA	
47.Energy									
		Source of pow supply :	er	MSEDCL					
		During Constr Phase: (Dema Load)	uction nd	Generator	Generator				
		DG set as Pow back-up durin construction j	er g bhase	Prime sourc	ce			-6	
Dor		During Operat phase (Connec load):	tion ted	III Phase				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
require	ement:	During Operat phase (Deman load):	cion d	240 volts					
		Transformer:		33 kv		6			
		DG set as Pow back-up durin operation pha	er g se:	1					
		Fuel used:		Disel					
		Details of high tension line pa through the p any:	n Assing lot if	NA	NA				
		48.Energ	y savi	ng by no	n-conv	vention	al met	thod:	
NA									
		<b>49.</b>	etail	calculati	ons &	% of sa	aving:		
Serial Number	E	nergy Conserva	tion M	easures Saving %					
1		NA		NA					
		50.De	tails	of pollut	ion co	ntrol S	ystem	S	
Source	Ex	isting pollution	o contro	ol system			Propos	sed to be installed	
NA		NA	1					NA	
Budgetary (Capital	allocation	Capital cost:		NA					
O&M	cost):	O & M cost:		NA					
51	.Envire	onmental	Maı	nageme	ent pl	lan Bı	ıdget	tary Allocation	
		a) Co	nstru	ction pha	se (wi	ith Bre	ak-up)	):	
Serial Number	l Attributes Para			meter		Total (	Cost per	annum (Rs. In Lacs)	
1	N	IA	Ν	JA				NA	
		b) 0	perat	ion Phas	e (wit	h Breal	k-up):		
Serial Number	Comp	onent	Desci	ription	iption Capital cost Rs. In Lacs Cost (Rs. in Lacs/yr)				
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1	ľ	NA N			A NA NA						
51.Storage of chemicals					amabl stance	e/explo es)	osive/h	azardou	ıs/toxic		
Descri	ption	Status Location		n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumpt / Month MT	ion n Source of Supply	Means of transportation		
N	A	NA	NA		NA	NA	NA	NA	NA		
			52.A	ny Ot	her Info	rmation	1	(			
No Informa	tion Availab	le							0		
			53.	Traffi	c Manag	gement					
		Nos. of t to the m design o confluer	he junction ain road & f ice:	NA		-		0			
		Number basemer	and area of nt:	NA							
		Number podia:	and area of	NA	NA						
		Total Pa	rking area:	NA							
		Area per	car:	NA							
		Area per	car:	NA							
Parking	ı details:	Number Wheeler approve compete authorit	of 2- s as d by nt y:	NA							
		Number Wheeler approve compete authorit	of 4- s as d by nt y:	NA							
		<b>Public</b> T	ransport:	NA							
		Width of roads (n	f all Internal 1):	NA							
	C Y	CRZ/ RR obtain, i	Z clearance f any:	NA							
	9	Distance Protecte Criticall areas / E areas/ in boundar	e from d Areas / y Polluted co-sensitive ter-State ies	NA							
		Category schedule Notificat	y as per e of EIA tion sheet	NA							
		Court ca if any	ses pending	NA							

ageno Anessi			Signature:
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	Other Relevant Informations	NA		
	Have you previously submitted Application online on MOEF Website.	Yes		
	Date of online submission	21-04-2017		
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS				
Environmental Impacts of the project	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to time. As per data submitted by the PP in the EIA report environmental parameters are found within the prescribed limits on site.			
Water Budget	Project itself is irrigation project.			
Waste Water Treatment	PP to ensure the domestic waste water generated if any shall be collected and treated so as to meet the prescribed standards of CPCB.			
Drainage pattern of the project	Not Applicable			
Ground water parameters	As per data submitted by PP, ground water parameters are within the prescribed limits at project site.			
Solid Waste Management	PP informed that excavated material was reused for backfilling, guide bind, hearting and casing of Dam. Surplus material deposited on acquired land and proper dozing, leveling and compaction had been done.			
Air Quality & Noise Level issues	PP proposes intermittent water sprinkling on haul roads, dumps, construction site for suppression of dust. Use of covered transportation vehicles, tree plantation.			
Energy Management	PP to ensure regular maintenance of DG set to reduce air pollution and maximum energy efficiency.			
Traffic circulation system and risk assessment	PP provided adequate approach roads to the site.			
Landscape Plan	PP informed that 960 Nos. of trees had been planted in the vicinity of site and 6648 nos. of trees are proposed to be planted.			
Disaster management system and risk assessment	PP proposes adequate steps to handle an emergency.			
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.			
Environmental Management Plan	PP prepared EMP cost o	of Rs.14.50 Lakh as O & M cost to maintain environmental parameters.		
Any other issues related to environmental sustainability	Any other issues related to environmental sustainability: PP to submit bank guarantee of Rs. 20.27 Lakhs with the State Pollution Control Board as cost of remediation plan as per Notification issued by MoEF&CC on 3rd March 2018.			
~	Brief informa	tion of the project by SEAC		



The proposal was considerd in the 152nd meeting of SEAC-1 held on 14.06.2018. The details are as below,

PP submitted proposal under 'violation' category as per Notification issued by MoEF&CC dated 08.03.2018.

The chronology of the project is as below,

1. PP started the work on 01.09.2008

2. PP submitted their application for prior Environment Clearance on 05.07.2008

3. SEAC granted ToR on 16.01.2009

4. Public Hearing was conducted on 22.05.2010 & 26.06.2013

5. PP submitted EIA/EMP report on 09.04.2014

6. PP made presentation before SEAC on 05.07.2014 and 15.12.2015 wherein violation was detected.

7. PP received stop work on 01.12.2016

Now PP submitted application under violation category as per Notification dated 08.03.2018. The provisions in the notification are as follow

(4) The cases of violations will be appraised by the Expert Appraisal Committee at the Central level or State or Union territory level Expert Appraisal Committee constituted under sub-section (3) of section 3 of the Environment (Protection) Act, 1986 with a view to assess that the project has been constructed at a site which under prevailing laws is permissible and expansion has been done which can run sustainably under compliance of environmental norms with adequate environmental safeguards, and in case, where the findings of Expert Appraisal Committee for projects under category A or State or Union territory level Expert Appraisal Committee for projects under category B is negative, closure of the project will be recommended along with other actions under the law.";

(5) " In case, where the findings of the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee on point at subparagraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants, and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or a environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of the Council of Scientific and Industrial Research institution working in the field of environment.";

During deliberations PP requested,

1. The earthen dam is 60% completed and spillway (excluding gates) is almost 80% completed. The river is not plough no storage or no pounding is done to till date. Hence there is no substantial change in river flow pattern and hence no change in the baseline data has taken place since preparation of EIA/EMP.

2. The land use pattern has not been altered by the works of project because the farmers till cultivating their land through acquired department.

3. The project lies in Amravati District of Maharashtra State which is having maximum irrigation backlog and the project is lies in the saline track area. The project is included in the backlog removal program of the Hon'ble Governor. This area also records high incidences of farmer suicides. The project is also included under Central Governments "Baliraja Jal Sanjivani" program.

4. Public money to the tune of 502.74 Cr. Stands invested on the project. Preparing EIA and EMP afresh would inevitably delay the project further by at least one more year, which would be against larger public interest.

It is requested that the SEAC-1 may kindly prescribe specific ToR for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and direct recasting EIA & EMP Reports (including Public Hearing Reprot) submitted earlier, by incorporating in the ecological damage, remediation plan etc. as a seperate chapter, as contemplated in the Notification dated 08.03.2018.

In view of above request from PP( this being a Government Project), SEAC in larger public interest decided to grant additional and specific ToR points for making necessary changes in the EIA/EMP reprot as per Notification dated 08.03.2018.

After detailed discussion with the PP and their acrredited consultant SEAC is of the opinion that no fresh public hearing is required as it was already conducted.

With this view, SEAC refers the proposal to SEIAA for approval as above and /or further guidelines in the matter.

The proposal was referred back by SEIAA with following remarks,

"SEIAA acknowledged and approved that no fresh public hearing is required as it was already conducted. The proposal was referred back to the SEAC-1 for further appraisal.

The proposal was considered in the 154th meeting held on 29.08.2018 and decided to grant additional ToR points for preparation of EIA and EMP reprots as per EIA Notification, 2006 and amendment dated 08.03.2018.

PP submitted EIA/EMP reprot during 157th meeting held on 3rd November, 2018 where in proposal was deferred for the want of additional information.

PP submitted EIA/EMP reports during 157th meeting held on 3rd NOvember, 2018 wherein proposal was defired for the want of additional information.

Now, PP submitted additional information and proposal was appraised in its 158(B) meeting held on 03.01.2018.

agger or anger			Signature: Name: Dr. Umakant Gangetrao Dangat
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## **DECISION OF SEAC**

After detailed deliberations with the PP and their accredited consultant, it was observed that, PP has prepared EIA report and Enviornment Management Plan comprising Ecological Damage Assessment and remedial Plan.

The remediation plan shows that, the cost of remediation will be Rs. 20.27 Lakhs.

As per Notification issued by MoEF&CC dated 08.03.2018, PP requires to submit the bank guarantee equal to the cost of remediation plan and natural and community resource augmentation plan with the Maharashtra Pollution Control Board.

In view of above SEAC decided to recommend the proposal for prior Environment Clearance subject to the strict compliance of EMP and submission bank guarantee with the Maharashtra Pollution Control Board and following conditions.

## **Specific Conditions by SEAC:**

Sile

2) PP to ensure to dispsoe of all kinds of waste/excess earth/muck as per prevailing rules.

3) PP to ensure to protect the plantation carried out and achieve above 90% survival of the plants.

4) PP to provide nosie barreirs during operation of the various machinaries on site to avoid nuisance of the noise to the surrounding environment.

5) PP to ensure that submergence area to be cleared before impounding of water in the reservior to ensure the quality of water.

## FINAL RECOMMENDATION

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

