

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

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

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

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

Minutes of 205th Meeting were confirmed with following changes.

Sr. No.	Proposal No.	Existing MoM	Proposed Changes/ shall read as	Reason
1	170083	In project details following is mentioned wrongly “Environmental Clearance for Stone quarry proposal at Gat No. 169 Village- Pomnala, Tehsil-Bhokar, Dist- Nanded by M/s. Ganpat Laxman Pitewad (Area 1.00 Ha.)”	Following address to be replaced “Environmental Clearance for Stone quarry proposal at Gut No-693 Part, Nidhal, Tal-Khatav, Dist. Satara, by Mr. Dilip Baliram Godase”	Typographical error
2		Representative of PP was present during the meeting along with Accredited Environmental consultant	Representative of PP was present during the meeting along with Accredited	Typographical error

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		M/s. Envirotechno Consultants Pvt. Ltd.	Environmental consultant M/s. Sneha Hightech Products Ltd.	
3	56738	Environment Clearance for Bauxite Mining Project over an area of 10.65 Ha in Gat No. 685(Part) of Ghungur Reserved Forest in Village Ghungur and 3.04 Ha area in Gat No. 921 (P) of village Ambarde ,Taluka Shahuwadi, Dist.Kolhapur by M/s Shree Jugai Minerals Representative of PP was present during the meeting along with Accredited Environmental consultant M/s. Sneha HiTech	Environment Clearance for Bauxite Mining Project over an area of 14.24 Ha in Gat No. 685(Part) of Ghungur Reserved Forest in Village Ghungur , Taluka Shahuwadi, Dist.Kolhapur by M/s Shree Bhairavnath Earth Movers & Co Representative of PP was present during the meeting along with Accredited Environmental consultant M/s. Shrishti Seval Pvt. Ltd.	Typographical error
4	56778	Environment Clearance for Bauxite Mining Project over an area of 10.65 Ha in Gat No. 685(Part) of Ghungur Reserved Forest in Village Ghungur and 3.04 Ha area in Gat No. 921 (P) of village Ambarde ,Taluka Shahuwadi, Dist.Kolhapur by M/s Shree Jugai Minerals	Environment Clearance for Bauxite Mining Project over an area of 7.12 Ha in Gat No. 223(Part) of Parli Reserved Forest and 0.42 Ha for road area in village Parli, Taluka Shahuwadi, Dist.Kolhapur by M/s Shree Malhar Minerals Representative of PP was present during	Typographical error

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		Representative of PP was present during the meeting along with Accredited Environmental consultant M/s. Sneha HiTech	the meeting along with Accredited Environmental consultant M/s. Shrishti Seval Pvt. Ltd.	
5	56763	Representative of PP was present during the meeting along with Accredited Environmental consultant M/s. Sneha HiTech	Representative of PP was present during the meeting along with Accredited Environmental consultant M/s. Shrishti Seval Pvt. Ltd.	

Due to pandemic the Minutes of meeting are approved through emails hence signature is not required.

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

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Proposal No. 1: SIA/MH/MIN/66427	Type: EC
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INTRODUCTION:

This has reference to your online application vide proposal No. 66427 submitted along with copies of documents seeking the Environmental Clearance under the provisions of the EIA Notification, 2006. The proposed project activity is listed at Sr. No. 1 (d), 5 (j) Thermal Power Plant, and Sugarcane Crushing under category B1 of the EIA Notification, 2006 amended from time to time and the proposal is appraised in the SEAC-1 committee.

PROJECT DETAILS:

Environmental Clearance for expansion of Sugar Factory from 4900 TCD to 7900 TCD and Co- generation Plant from 14 MW to 26 MW at Gat No. 119/1, 119/2, 120/1, 120/2, 111/1, Village Alegaon, Post.: Jawalban, Tal.: Kaij, Dist.: Beed, by Yedeshwari Agro Products Ltd. (YAPL)..

Details of earlier EC if any:

No

DELIBERATIONS IN SEAC:

After deliberations SEAC observed:-

SEAC-1 noted that, the request of PP regarding withdrawal of EC application has been accepted by the NIC portal. Therefore, the proposal is not included in online agenda.

RECOMMENDATIONS OF SEAC:

PP had withdrawn their application from PARIVESH portal, therefore the proposal is not included in online agenda..

CONCLUSION:

Withdrawn

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Proposal No. 2: SIA/MH/MIN/200925	Type: EC Amendment
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INTRODUCTION:

This has reference to your online application vide proposal No. 200925 submitted along with copies of documents seeking the Environmental Clearance under the provisions of the EIA Notification, 2006. The proposed project activity is listed at Sr. No. 5(g), 5 (j) Distillery and Sugarcane Crushing under category B1 of the EIA Notification, 2006 amended from time to time and the proposal is appraised in the SEAC-1 committee.

PROJECT DETAILS:

Environmental Clearance for amendment in earlier EC.No.SEIAA-EC-0000002257, Dated : 01/06/2020 for Expansion of sugarcane crushing capacity from 9500 TCD to 15000 TCD and Distillery capacity from 60 KLPD to 90 KLPD to produce 90 KLPD Rectified Spirit/ 30 KLPD to 90 KLPD Ethanol / Establishing 90 KLPD ENA plant based on “C”/ “B” heavy molasses/Sugarcane Juice/ Syrup at Dattanagar, Tal. Shirol, Dist. Kolhapur, Maharashtra by Shree Datta Shetkari Sahakari Sakhar Karkhana Limited.

Details of earlier EC if any:

SEIAA-EC-0000002257, Dated : 01/06/2020

DELIBERATIONS IN SEAC:

After deliberations SEAC observed:-

Representative of PP was present during the meeting along with Accredited Environmental consultant Dr. Subba Rao’s Environmental Centre.

During deliberations PP informed that, they have obtained prior Environmental Clearance vide letter No. SEIAA-EC-0000002257, Dated : 01/06/2020 for enhancement of Sugarcane crushing capacity from 9500 TCD to 15000 TCD and Distillery capacity from 60 KLPD to 90 KLPD to produce 90 KLPD Rectified Spirit/ 30 KLPD to 90 KLPD Ethanol / Establishing 90 KLPD ENA plant based on “C”/ “B” heavy molasses/Sugarcane Juice/ Syrup.

PP requested for amendment in point No. 37 of their prior Environmental Clearance dated 01.06.2020 as given below,

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Sr. No. 37 of the earlier EC: Details of Pollution Control System

Sr. No.	Source	As per existing EC		Amendment Requested
		Existing Pollution Control System	Proposed Pollution Control System	
1	Sugar & Co-generation process Effluent	Primary & Secondary Treatment	Primary treatment as anaerobic filter and as secondary treatment MBBR media shall be installed in the existing aeration tank, sludge Drying Bed followed by Clarifier followed bby Sand and Charcoal filter	No
2	Spray pond Overflow	Primary & Secondary Treatment	Combined with Sugar effluent after primary treatment	No
3	Existing 60 KLPD Distillery Spent Wash	MEE followed by composting	MEE followed by Incineration	PP requested to amend this condition as “ MEE followed by Composting ” or “ MEE followed by ATFD/ equivalent ”

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				drying mechanism”
4	Proposed 30 KLPD Distillery Spent Wash	NA	MEE followed by composting	No

SEAC-1 after detailed deliberations with the PP and their accredited consultant and referring to the para III (vi) of the Notification No. S.O. 345 dated 17th January 2019 decided to recommend the proposal for amendment in earlier EC as below,

Sr. No	Source	As per existing EC		Amendment Required	SEAC-1 recommendation
		Existing Pollution Control System	Proposed Pollution Control System		
1	Sugar & Co-generation process Effluent	Primary & Secondary Treatment	Primary treatment as anaerobic filter and as secondary treatment MBBR media shall be installed in the existing aeration tank, sludge Drying Bed followed by Clarifier followed by Sand and Charcoal filter	No	NA
2	Spray pond Overflow	Primary & Secondary Treatment	Combined with Sugar effluent after primary treatment	No	NA
3	Existing 60 KLPD Distillery Spent Wash	MEE followed by composting	MEE followed by Incineration	PP requested to amend this condition as	SEAC-1 decided to recommend the amendment request as

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				“ MEE followed by Composting ” or “MEE followed by ATFD/ equivalent drying mechanism”	“MEE followed by ATFD/Equivalent drying mechanism”.
4	Proposed 30 KLPD Distillery Spent Wash	NA	MEE followed by composting	No	NA
5	EC Point NO. 29 – Effluent Characteristics : Note on ETP Technology	For 60 KLPD distillery MEE followed by Incineration boiler and for 30 KLPD MEE followed by composting	For 60 KLPD distillery “MEE followed by ATFD/Equivalent drying mechanism” and 30 KLPD MEE followed by composting	Yes	SEAC-1 decided to recommend the amendment as For 60 KLPD distillery “MEE followed by ATFD/Equivalent drying mechanism” and 30 KLPD MEE followed by composting

RECOMMENDATIONS OF SEAC:

After detailed deliberations with the PP and their accredited consultant, SEAC-1 decided to recommend the EC amendment as above subject to other conditions stipulated in the prior Environmental Clearance dated 01.06.2020 remain unchanged.

CONCLUSION:

Recommended

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Proposal No. 3: SIA/MH/MIN/210641	Type: EC
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INTRODUCTION:

This has reference to your online application vide proposal No. 210641 submitted along with copies of documents seeking the Environmental Clearance under the provisions of the EIA Notification, 2006. The proposed project activity is listed at Sr. No. 5(g), 5 (j) Distillery and Sugarcane Crushing under category B1 of the EIA Notification, 2006 amended from time to time and the proposal is appraised in the SEAC-1 committee.

PROJECT DETAILS:

Environmental Clearance for Expansion of Sugarcane Crushing Capacity From 4800 TCD to 7500 TCD And Distillery Capacity From 45 KLPD To 200 KLPD (Ethanol) Based on Sugarcane Syrup/"B" Heavy Molasses/"C" Molasses/Denature Spirit As Raw Material at S.No. 381 384 385/1 385/2 386 387 389 96, "Pantnagar", Kacharewadi, Tal: Mangalwedha, Dist: Solapur by UTOPIAN SUGARS LIMITED).

Details of earlier EC if any:

No

DELIBERATIONS IN SEAC:

After deliberations SEAC observed:-

SEAC-1 noted that, the request of PP regarding withdrawal of EC application has been accepted by the NIC portal. Therefore, the proposal is not included in online agenda.

RECOMMENDATIONS OF SEAC:

PP had withdrawn their application from PARIVESH portal, therefore the proposal is not included in online agenda.

CONCLUSION:

Withdrawn

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Proposal No. 4: SIA/MH/MIN/59392	Type: EC
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INTRODUCTION:

This has reference to your online application vide proposal No. 59392 submitted along with copies of documents seeking the Environmental Clearance under the provisions of the EIA Notification, 2006. The proposed project activity is listed at Sr. No. 5(g) Distillery under category B1 of the EIA Notification, 2006 amended from time to time and the proposal is appraised in the SEAC-1 committee.

PROJECT DETAILS:

Environmental Clearance for Proposed 30 KLPD Molasses based Distillery at S.No. 354/2, 355, 370/2 ,village Bodhegaon, Tal- Shevgaon,Dist- Ahmednagar by M/s. Kedareshwar Sahakari Sakhar Karkhana ..

Details of earlier EC if any:

No

DELIBERATIONS IN SEAC:

After deliberations SEAC observed:-

Representative of PP was present during the meeting along with Accredited Environmental consultant M/s. Ultra tech Environmental and Laboratory Pvt. Ltd.

PP had obtained ToR vide letter No. SIA/MH/IND2/42134/2019 dated 7th February 2020

The Public Hearing was conducted on 10.11.2020 and submitted the report.

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

The project details as submitted by the PP are as below,

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Sr. No.	Particulars Required	Details
1.	Proposal Number	SIA/MH/IN2/42134/2019
2.	Name of the project & Address along with allcorner latitude and longitude	Proposed 30 KLPD Molasses / cane juice based distillery plant at- Sumannagar,Post- Bodhegaon, Tal- Shevgaon, Dist.Ahmednagar, Pin- 414 503 by M/S. Shri Kedareshwar Sahakari Sakhar Karkhana Ltd. Bounded latitude(North)- 19.292148 to 19.298569 and Bounded longitude(East)- From 75.419339 To75.424811
3.	Type of Organization (Private /Government/Semi Government etc.)	Co-operative
4.	Correspondence Address and contact details ofProject Proponent	
	Name	Shri. Ashwinkumar Pandharinath Gholve, ChiefExecutive Officer
	Regd. Office address	M/s. Kedareshwar Sahakari Sakhar Karkhana Ltd., at- Sumannagar,Post- Bodhegaon, Tal- Shevgaon, Dist.Ahmednagar
	Contact number	+91 9422512333/ 9112240338
	e-mail	Kedareshwar19@gmail.com
5.	Type of project (ToR/EC/Amendment in ToR/Amendment in EC/ Revalidation / Expansion/Process change etc.)	Fresh EC
6.	Category of project as per EIA Notification 2006 amended from time to time (Pl. mention category A,B,B1,B2 etc. whichever isapplicable)	B1
7.	If earlier ToR is obtained pl. mention details (ToR letter No. & Date, SEAC/EAC Meeting No.)	Tor granted – SIA/MH/IND2/42134/2019 dated 7 th Feb 2020
8.	If earlier EC is obtained pl. mention EC Number& Date	Not Applicable
9.	Whether the proposal is a violation case (yes/no)	No
10.	Applicability of CRZ clearance (yes /no)	No
11.	Whether General /Specific Conditions are applicable to the project (Yes/No) If yes pl. give details	No

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12.	Whether Scrutiny fees paid as per SEIAA guidelines (Yes/No); If yes pl give payment details	Yes, Paid Rs four lakh in SBI Matunga branch dated 16 th June 2021 vide MUR No. CBINR12021061610001507
13.	Name of accredited Environmental Consultant & address along with Accreditation No. & Validity	Ultra-Tech Environmental Consultancy & laboratory QCI-NABET Accredited Organization 206, 224-225, Jai Commercial Complex, Eastern Express Highway, Oppo. Cadbury, Khopat, Thane(W)-400 601 Maharashtra. Certificate/ Ext Letter No.: NABET/EIA/2023/RA0194 &

		28th May 2021 Valid Up to : 9-3-2023			
14.	Name of layout plan approving Authority	Factory Inspector			
15.	Estimated cost of Project (in Rs. Lakhs)	Distillery : Rs 5350 lakhs			
16.	Area of project (in Sq. m.)				
	Total Plot Area (m ²)	4,79,613.39 Sq.m (47.96 ha)			
	Distillery Project area (m ²)	38,243.72 Sq.m (~ 3.82 ha)			
	Green Belt area (m ²)	1,58,266.67 Sq.m (15.826 ha)			
17.	Whether 33% green belt is provided (Yes/No)	Yes			
18.	Area of Green Belt & No. of trees in the proposed project in Sq. m. (Pl. provide 2000 trees per hectare of green belt area)	Total Green Belt Area: 1,58,266.67 Sq.m (15.826 ha) Nos. of Trees including existing trees : 23740			
19.	Width of internal roads and turning radius	Road Width: Minimum 6 Meter Turning Radius: Average- 9Meter			
20.	Details of proposed construction area				
	Distillery project Area (in Sq. m)	3.82 ha			
	No. of Buildings & its height in mtrs.	Proposed Distillery Unit Building & Boiler & TG house shed Maximum height of distillation shed of distillery unit- 27M Maximum height of boiler unit- 20M			
21.	List of Raw materials & Storage Details (Pl. add on in the list if necessary)				
	Sr. No.	Name of Raw Material			
	Consumption [MT/M]	Maximum Storage Details			
	Hazard Category	Proposed precautions to prevent accident			
1.	Cane used for cane juice (160days/annum)	12900 MT/M	-	Non Hazardous	-
2.	Molasses (110 days/annum)	3600 MT/M	Stored in Molasses tank	Non Hazardous	-

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	3.	TRO for distillery	7.2 MT/M	Drums	Non Hazardous	-
	4.	DAP for distillery	0.90 MT /M	In Bags	Non Hazardous	
	5.	Sulphuric acid for distillery	2700 Lit/M	Drums	Hazardous	Auto transfer system
22.	Production Details					
	Sr. No.	Name of Product	Existing Capacity [MT/M]	Proposed Capacity [MT/M]	Total Capacity [MT/M]	Name of Product approving authority [like FDA of Pharmaceuticals, etc.]
	1	A) a.Rectified spirit And	-	28500 LPD	8.55 Lakh Lit/M	
	2	A)b.Impure spirit OR	-	1500 LPD	0.45 Lakh lit/M	
	3	B) a.ENA and	-	27000 LPD	8.10 Lakh Lit/M	
	4	B) b. Impure Spirit OR	-	3000LPD	0.90 lakh Lit/M	
	5	C) Fuel Ethanol	--	28500 LPD	8.55 Lakh Lit/M	
		D)Fusel Oil	-	60 LPD	0.018 lakh Lit/M	
23.	Water Consumption & Effluent generation (All units in CMD)			Fresh Water requirement for distillery- 239 CMD Spent wash- 268 CMD, Other effluent- 383 CMD		
	i)Source & Qty of water requirement (in CMD) :			Jayakwadi right bank canal		

	ii) Water supply permission obtained (Yes/No)& approving Authority	Yes, from Jalsampada Vibhag, Mantralaya, Mumbai dated 8 th April 2021		
Distillery Unit				
	Particulars	Consumption/Input (CMD)	Loss (CMD)	Effluent Generation (CMD)
		Existing Proposed Total	Existing Proposed Total	Existing Proposed Total

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	Industrial Process	0	935	935	0	305	305	0	630	268 SW + 362 other Effluent	
	Industrial Cooling	0	187	187	0	165	165	0	21	21	
	Boiler	0	44 make up	44	0	44	44	0	0	0	
	Domestic Purpose	0	10	10	0	-	-	0	1	1 to septic tank	
	Green Belt *	50	450	500	50	450	500	0	0	0	
	Total+	50	1626	1676	50	974	1024	0	652	383 for CPU + 268 to biogas+1 septic tank	
Note- * For Green belt, the treated sugar effluent will be used which will be 500 Cu.M. per day											
24.	Quantity of sewage generation including sugarunit (in CMD)				20 CMD						
25.	Details of Sewage Treatment and Disposal oftreated sewage:				18 will be treated in Septic tank with soak pit						
26.	Detail of Effluent Generation (unit CMD)										
	Particulars					Existing	Proposed	Total			
	Qty. of Effluent generation: (CMD)										
	a)Qty. of high TDS/COD effluent (Spentwash): (CMD)					0	268CMD	268CMD			
	b)Qty. of low TDS/COD effluent (Vapor condensate &otherstreams): (CMD)					0	383 CMD	383CMD			
27.	Whether Zero liquid Discharge Effluent Treatment is proposed (Yes/No)				Yes, distillery project will be ZLD						
28.	Brief Description of Effluent Treatment scheme				Spent wash from Distillery will be treated at Biomethenationfollowed by MEE followed by biocomposting . Condensate from MEE , Boiler blow down, balance spent lees, floor washings etc will be treated in CPU						
29.	Qty. of treated effluent proposed to be sent to CETP (pl. mention Name of CETP and itsmembership Details)				NA						
30.	Please mention parameters of treated effluent from CPU to be achieved as per EP Rule,1986 and or stipulatedby the SPCB										
	Parameter			Inlet concentration (Mg/L)			Outlet concentration (Mg/L)				

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pH	6.5	7-7.5
TDS	300	<300
CoD	6000	100

BoD	3000	<30
Heavy Metals	-	-
Benzene	-	-
Others if any	-	-

31.	Brief Note on proposed Rainwater harvesting scheme along with budget allocation:	Industry shall explore rain water harvesting option to reduce fresh water consumption. Estimated budget Rs twenty lakhs
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32. Solid Waste management

S r. N o	Type of Waste	Qty. [MT/M]	Source of generation	Disposal Method	Pl mention plan to reduce solid waste generation if any
1	Canteen waste	15TPM	Canteen Activity	Treatment as compost & disposal for garden	-
2	Fermentation residue	90 TPM	From fermentation	Treatment as drying & disposal in composting	-
3	Biogas plant residue	4 TPM	Biogas unit	Dried and composted	-
4	Domestic waste	45 TPM	From workers activity	Treatment as composting & disposal for gardening	-
5	Pressmud	2700 TPM	Sugar unit process	For bio composting	-
6	Boiler bagasse ash	248.4 TPM	From sugar & distillery bagasse boilers	As a filler material with press mud for biocomposting	-

33. Hazardous Waste Generation & Disposal (As per HW Rule 2016)

S r. N o	Category	Particulars	Source of generation (please include name of product)	Existing quantity of generation [MT/M]	Proposed quantity of generation [MT/M]	Total quantity of generation [MT/M]	Method of Disposal as per HW Rules 2016
1	5.1	Used / Spent Oil	Mill side & ETP	0.5	-	0.50 MT/M	Would be mixed with Bagasse & burnt in boiler
2	35.3	ETP Sludge	ETP	0.60	0.50	1.1 MT/M	Will be in biocomposting

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34.	Fuel Consumption													
35.	Sr. No.	Type of Fuel	Consumption [TPD]			Used for (Boiler, DG Set, etc.)	Ash %			SO ₂ %			Air Pollution Control Equipment provided [Yes/No]	
			Existing	Proposed	Final		Existing	Proposed	Final	Existing	Proposed	Final		
	1.	Bagasse for Sugar unit	595	-	595 TPD	Boiler	1.5	-	1.5	0.05	-	0.05	0.05	Yes
	2.	Bagasse for Distillery Unit	-	65.86	65.86 TPD	Boiler	-	1.5	1.5	-	0.05	0.05	0.05	Yes
	3.	HSD	20LPH for each DG	-	20LPH for each DG set	DG Set	0.01%	-	0.01%	0.2	-	0.2	0.2	NA
36.	Brief Note on Air Pollution Control equipment's					Industry has provided adequate air pollution control equipment for existing pollution sources in sugar unit and has proposed to provide adequate pollution control device for distillery boiler as Wet Scrubber system								
37.	Stack Details (Also include process vent details)													
	Sr. No.	Section	Source Pollution	Stack No.	Stack Height, M	Height from ground, M	Internal Diameter (inch)	Temperature of exhaust gas, C						
	1.	Sugar Unit	Boiler 32TPH – Existing (2nos.)	1	45	45	3.2 M	135						
	2.	Distillery	Boiler 10TPH – Proposed	1	40	40	1.5 M	140						
	3.		DG Set 320KVA – Existing x 2nos.	1 each	3.5	3.5	4.5 inch for each	105						
38.	Energy													
	a) Source of power Supply :					1 Mw Captive power unit								
	b) Maximum Demand (KVA) :					800 KW								
	c) whether DG sets will be provided (Yes/No):					Yes (320 KVA)								
	If yes													
	Sr. No.	DG Set			Existing Capacity			Proposed Capacity			Total Capacity			
	1	320KVA x 2 nos.			-			320KVA x 2 nos.						

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	d) Please Mention if high tension line is passing through the plot : Yes /No	No		
	If yes, pl. give details of safety measures adopted:	Not Applicable		
39.	Details of use of renewable energy with budget allocation			
	i) Total Energy Demand	4.64 Kw/hr		
	ii) Proposed renewable energy source capacity	4.64 Kw/hr		
	iii) Proposed Budget (in Rs. Lakhs):	Rs3.5 lakhs		
	iv) Timeline for implementation:	Before commissioning of distillery		
40.	Details of public hearing (if applicable)			
	i) Place of public hearing :	Shri kedareshwar Sahakari Sakhar Karkhana Ltd, Sumananagar, Post- Bodhegaon, Tal- Shevgaon, Dist-Ahmednagar		
	ii) Date of public hearing:	10 th November, 2020		
	Please fill following details			
	Sr. No.	Issued raised during public hearing	Applicant plant for its compliance / implementation	Budget allocation for implementation
	1	Whether established plan have benefits to farmers?	Farmers may get additional benefit per ton of cane as Rs140 to 150 per ton cane	-
	2	What measures have been taken for water pollution prevention	Biomethanation- MEE- CPU- Biocompost yard & machinery	Rs 1200 Lakh
	3	Whether farmers will get treated water for agriculture?	Treated water will not be given to farmers for agriculture as the total treated water will be recycled to process	-
	4	Whether farmers will get biocompost? & what cost?	Member farmers will get biocompost at No loss no profit	Rs 400 lakh (Bio compost yard &
				After implementation of project

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				machinery)			
	5	Employment generation ? and employment to local people ?	Total likely direct employment 83 in number. Local personnel will be given preference	-		After erection of the project	
41.	EMP (Please mention specific items proposed in EMP along with specific timeline for its implementation)						
	EMP for Distillery Unit						
	Construction Phase						
	Sr.No.	Attributes	Specific measures	Budget (Rs lakh)	Remark		
	1	Air	AAQ monitoring & sprinkling the water	0.70			
	2	water	Water for drinking & sanitation	0.20			
	3	Noise	Noise monitoring at project site & adjoining location	0.15			
	4	Soil	Upper soil removal & to be used for land scaping	0.75			
	5	Solid waste	Machinery package material	-			
	6	Hazardous waste	-	-			
	7	Fuel & energy	-	-			
	8	Safety & Health	Health checkup for workers & safety purpose providing helmet, gum boots & PP Kits	0.10			
			Total, Rs lakh	1.90			
	Operation Phase						
	S. No.	Attributes	Specific measures	Budget in Rs., lakh	Time line for 1/5 implement	Responsibility	Remarks
	1	Air	a.Stack &Wet scrubber installation b. air monitoring	130.00 0.20	Installation before commissioning of distillery	M.D., Environment Dept., Distillery manager	
	2	water	Water & waste water monitoring Water for Drinking & sanitation	0.20	Monitoring quarterly	Env. Manager, Distillery Manager	
	3	Noise	Noise Monitoring	0.15	Monitoring	Env. manager	

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					quarterly	
4	Soil	Soil testing	0.20	Once in a year	Env. manager	
5	Solid waste	Various solid waste disposal	2.50	Continuous daily basis	Env. manager	
6	Hazardous waste	ETP Sludge	1.00	Once in a month	Env. Manager, Distillery Manager	
7	Fuel & energy	Diesel in emergency for DG set	1.50	-	Distillery manager	

8	Safety & Health	Health & safety monitoring	30.00	Health half yearly, safety continuous	M.D., Distillery, Safety officer, Env. Manager	
9	Rain water harvesting	RWH structures	20	During rainy season	Environment manager, Distillery Manager	
10	Implementation of recommendation of LCA	-	-	-	-	
11	Implementation recommendation HAZOP/ Risk Assessment	Hazop & Risk assessment quarterly	5.00	monitoring frequently	Env. Manager, Distillery manager	
12	Any other please specify 1. Water Pollution Control ZLD system with on line	Installation	1200.00	Continuous monitoring	Env. Manager, Distillery staff	

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	monitoring 2.Fire fighting system	Installation & Monitoring	85.00	monitoring as per requirement	Safety officer, Env. manager, Distillery Manager
	2. Env. Lab Equipment	Installation & Monitoring	75.00	Daily analysis	Lab. In Charge & staff
	3. Green belt	Green Belt development	20.00	Phase wise plantation	M.D., Env. Officer, Distillery Manager
		Total, Rs Lakh	1570.75		
42.	Other Relevant Information : (Pl. provide brief note on proposed project)		As specified		
43.	Details of skill development program within Organization		Industry shall provide adequate skill development courses asand when required		
44.	Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience)		Industry has Constituted environmental Monitoring Cell and same shall be incorporated in the EIA Report		
45.	Details of court cases if pending in any Hon'blecourt		Not Any		

RECOMMENDATIONS OF SEAC:

After detailed deliberations with the PP and the accredited consultant, SEAC-1 decided to recommend the proposal for prior Environmental Clearance subject to following specific EC conditions along with general EC conditions as stipulated in Appendix- 1 attached here with.

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Sr. No.	Condition
1	PP shall implement Zero Liquid Discharge concept of Effluent Treatment Plant. PP shall treat and reuse the treated water within the factory premises and no waste or treated water shall be discharged outside the premises
2	CO ₂ generated from the process (if any) shall be bottled and utilized/sold to authorized vendors
3	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution, odor nuisance and other fugitive emissions
4	PP shall comply with all the environmental protection measures and safeguards proposed in the documents submitted. All the recommendations made in EIA/EMP in respect of environmental management and risk mitigation measures relating to the project shall be implemented
5	PP to ensure compliance of issues raised during Public Hearing along with financial provisions and time lines for its compliance
6	PP to complete rain water harvesting facility before the commissioning of the manufacturing activity
7	PP shall ensure to obtain approval of PESO to the layout from Chief Controller of Explosives
8	PP shall ensure to spend entire CER funds before commissioning of the manufacturing activities
9	PP to develop 33% green belt with minimum three layers of plantation preferably along the periphery of the plant premises before commissioning of the manufacturing activities. PP to use drip irrigation for the development of green belt.
10	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environmental betterment
11	Occupational Health Centre for surveillance of the workers health shall be set up. The health data shall be used in deploying the duties of the workers. All workers and employees shall be provided with required safety kits/ PPE/ mask for personal protection

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12	Training shall be imparted to all employees on safety and health aspects of chemical handling. Safety and visual reality training shall be provided to employees
13	PP shall make arrangements for protection of possible fire hazard during manufacturing in material handling. Firefighting system shall be as per the prevailing norms.
14	There shall be adequate space inside the plant premises earmarked for parking of vehicles, for storage of raw material and finished products, and no parking to be allowed outside on public road
15	PP to provide adequate numbers of wash rooms along with shelters for the floating population visiting to the premises such as vehicle drivers, farmers, visitors etc
16	Continuous online (24 x 7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and MPCB served. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/ drain carrying effluent within the premises
17	A separate Environmental Management Cell (with qualified person with Environmental Science/ Environmental Engineering / Specialization in the project area) equipped with full-fledged laboratory facility shall be set up to carry out the Environmental management and Monitoring functions
18	PP to carry out physiochemical analysis report of the compost proposed to be used as manure and obtain approval from the competent Authority so as to ensure its safe use on agricultural land.

CONCLUSION:

Recommended

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Proposal No. 5. SIA/MH/MIN/206228	Type: EC Amendment
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INTRODUCTION:

This has reference to your online application vide proposal No. 206228 submitted along with copies of documents seeking the Environmental Clearance under the provisions of the EIA Notification, 2006. The proposed project activity is listed at Sr. No. 5(g) Distillery under category B1 of the EIA Notification, 2006 amended from time to time and the proposal is appraised in the SEAC-1 committee.

PROJECT DETAILS:

Environmental Clearance for amendment in earlier EC No SIA/MH/IND2/117646/2019, Dated : 16/03/2020 for Expansion of distillery capacity from 30 to 60 KLPD to produce RS/ENA/Ethanol at Laxminagar, Degaon-Yelegaon, Tal-Ardhapur, Dist- Nanded, Maharashtra by Bhaurao Chavan SSKL.

Details of earlier EC if any:

No

DELIBERATIONS IN SEAC:

After deliberations SEAC observed:-

Representative of PP was present during the meeting along with Accredited Environmental consultant Dr. Subba Rao's Environmental Centre.

During deliberations PP informed that, they have obtained prior Environmental Clearance vide letter No. SIA/MH/IND2/117646/2019, Dated : 16/03/2020 for expansion of distillery capacity from 30 KLPD to 60 KLPD.

PP requested to amendment in point No. 2, arrow No. 7 of their prior Environmental Clearance dated 16.03.2020 as given below,

SEAC-1 after detailed deliberations with the PP and their accredited consultant and referring to the para III (vi) of the Notification No. S.O. 345 dated 17th January 2019 decided to recommend the proposal for amendment in earlier EC as below,

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EC point No.	Appears in EC no. SIA/MH/IND2/117646/2019, Dated : 16/03/2020	Amendment Requested	SEAC-1 recommendation
A	B	C	D
Point NO. 2 arrow No. 7 of EC condition	As per the Environment Clearance, SIA/MH/IND2/117646/2019 dated 16.03.2020, point No-2, the fuel requirement for boiler was given as 120 TPD bagasse and 60 TPD coal	Industry would be utilizing either bagasse or coal at one time. It is requested to amendment in Environmental Clearance that “the fuel requirement for boiler is 120 TPD bagasse or 60 TPD coal” .	SEAC-1 decided to recommend the amendment as requested by the PP in column “C” as it seems to be a typographical error.

RECOMMENDATIONS OF SEAC:

After detailed deliberations with the PP and their accredited consultant, SEAC-1 decided to recommend the EC amendment as above subject to other conditions stipulated in the prior Environmental Clearance dated 16.03.2020 remain unchanged.

CONCLUSION:

Recommended

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Proposal No. 6: SIA/MH/MIN/62804	Type: EC
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INTRODUCTION:

This has reference to your online application vide proposal No. 62804 submitted along with copies of documents seeking the Environmental Clearance under the provisions of the EIA Notification, 2006. The proposed project activity is listed at Sr. No. 5(g) Distillery under category B1 of the EIA Notification, 2006 amended from time to time and the proposal is appraised in the SEAC-1 committee.

PROJECT DETAILS:

Environmental Clearance for New 30 KLPD Molasses Based Distillery at Survey No. 328 ,329, 429, Village Materewadi, Talukha Dindori, District Nashik by M/s. The Kadwa Sahakari Sakhar Karkhana Limited.

Details of earlier EC if any:

No

DELIBERATIONS IN SEAC:

After deliberations SEAC observed:-

Representative of PP was present during the meeting along with Accredited Environmental consultant M/s. Vasantdada Sugar Institute.

PP had obtained ToR vide letter No. IA/MH/IND-2/82882/2018 dated 29.11.2018.

The Public Hearing was conducted on 16.10.2020 and submitted the report.

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

The project details as submitted by the PP are as below,

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Sr. no	Particulars Required	Details
1.	Name of the project & Address along with all corner latitude and longitude	M/s. The Kadwa Sahakari Sakhar Karkhana Ltd., Gat No. 328, 329 and 429, village Materewadi, Taluka Dindori, District Nashik, Maharashtra. 422 209 Distillery site (processing unit): at village Materewadi (adjacent to sugar unit) Coordinates: 20°13'44.08"N, 73°54'52.93"E Compost site: at village Bopegaon (1 km. towards North of the distillery site) Compost site: 20°14'21.77"N, 73°55'11.41"E
2.	Type of Organization (Private/Government/Semi Government etc.)	Co-operative
3.	Correspondence Address and contact details of Project Proponent	Gat No. 328, 329 and 429, village Materewadi, Taluka Dindori, District Nashik, Maharashtra. 422 209 Contact no. 02557-237181/184
4.	Type of project (ToR/EC/Amendment in ToR/Amendment in EC/ Revalidation/ Expansion/Process change etc.)	Environmental clearance for New 30 KLPD molasses based distillery
5.	Category of project as per EIA Notification 2006 amended from time to time (Pl. mention category A,B,B1,B2 etc. whichever is applicable)	B1
6.	If earlier ToR is obtained pl. mention details (ToR letter No. & Date, SEAC/EAC Meeting No.)	November 29, 2018
7.	If earlier EC is obtained pl. mention EC Number & Date	No
8.	Whether the proposal is a violation case (yes/no)	No
9.	Applicability of CRZ clearance (yes /no)	No
10.	Whether General /Specific Conditions are applicable to the project (Yes/No) If yes pl. give details	No
11.	Whether Scrutiny fees paid as per SEIAA guidelines(Yes/No); If yes pl. give payment details	Yes
12.	Name of accredited Environmental Consultant & address along with Accreditation No. & Validity	Vasantdada Sugar Institute, Pune, Manjari (Bk.), Tal: Haveli, Dist.; Pune 412307.

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		Accredited by QCI/NABET; Certificate No.: NABET/EIA/2023/RA 0208																																																								
13.	Name of layout plan approving Authority	NA																																																								
14.	Estimated cost of Project (in Rs. Lakhs)	Rs. 4877.00 Lakhs																																																								
15.	Area of project (in Sq. m.)	Area allocated for distillery: 56,000 sq. m. (~14 acres) Proposed Greenbelt: 18,500 sq. m. (~4.6 acres) Compost yard area: 47,900 sq. m. (~11.8 acres) Proposed Greenbelt: 16,300 sq. m. (~4.0 acres)																																																								
16.	Whether 33% green belt is provided (Yes/No)	Yes																																																								
17.	Area of Green Belt & No. of trees in the proposed project in Sq. m. (Pl. provide 2000 trees per hectare of green belt area)	Greenbelt area: 34,800 Sq. m (3.48 ha.) Proposed plantation: 5220 trees																																																								
18.	Width of internal roads and turning radius	Minimum 6 m width and 9 m turning radius																																																								
19.	Details of proposed construction	<table border="1"><thead><tr><th>#</th><th>Description</th><th>Size in m x m</th><th>Area (sq.m)</th></tr></thead><tbody><tr><td>1.</td><td>Cooling pond</td><td>35.0 X 45.0</td><td>1575.00</td></tr><tr><td>2.</td><td>Bio-digester</td><td>25 (Dia)</td><td>490.90</td></tr><tr><td>3.</td><td>CPU</td><td>30.0 X 60.0</td><td>1800.00</td></tr><tr><td>4.</td><td>Loading platform</td><td>16.0 X 7.5</td><td>120.00</td></tr><tr><td>5.</td><td>FA Loading platform</td><td>7.5 X 10.0</td><td>75.00</td></tr><tr><td>6.</td><td>Security cabin</td><td>3.0 X 3.0</td><td>9.00</td></tr><tr><td>7.</td><td>Admin office</td><td>10.0 X 15.0</td><td>150.00</td></tr><tr><td>8.</td><td>Soft & process water tank and WTP</td><td>13.0 X 30.0</td><td>390.00</td></tr><tr><td>9.</td><td>Evaporator cooling tower</td><td>8.0 X 10.0</td><td>80.00</td></tr><tr><td>10.</td><td>FA cooling tower</td><td>4.1 X 3.5</td><td>14.35</td></tr><tr><td>11.</td><td>Distillation cooling tower</td><td>9.0 X 5.5</td><td>49.50</td></tr><tr><td>12.</td><td>Fermentation cooling tower</td><td>7.0 X 5.5</td><td>38.50</td></tr><tr><td>13.</td><td>FA storage section</td><td>18.0 X 30.5</td><td>549.00</td></tr></tbody></table>	#	Description	Size in m x m	Area (sq.m)	1.	Cooling pond	35.0 X 45.0	1575.00	2.	Bio-digester	25 (Dia)	490.90	3.	CPU	30.0 X 60.0	1800.00	4.	Loading platform	16.0 X 7.5	120.00	5.	FA Loading platform	7.5 X 10.0	75.00	6.	Security cabin	3.0 X 3.0	9.00	7.	Admin office	10.0 X 15.0	150.00	8.	Soft & process water tank and WTP	13.0 X 30.0	390.00	9.	Evaporator cooling tower	8.0 X 10.0	80.00	10.	FA cooling tower	4.1 X 3.5	14.35	11.	Distillation cooling tower	9.0 X 5.5	49.50	12.	Fermentation cooling tower	7.0 X 5.5	38.50	13.	FA storage section	18.0 X 30.5	549.00
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14.	Evaporator section	45.0 X 15.0	675.00
15.	RS, IS & ENA Bulk storage section	44.0 X 31.0	1364.00
16.	RS, IS & ENA FA receiver section	20.0 X 21.0	420.00
17.	Distillation section	24.0 X 18.0	432.00
18.	MCC room, PLC & lab	6.0 X 23.0	138.00
19.	Fermentation section	32.0 X 23.0	736.00
20.	Day molasses tank	50.0 X 30.0	1500.00
Total functional area			10,606.25 sq.m
Total land allocated for distillery unit including greenbelt			56,000 sq.m
Greenbelt area (33% of distillery area)			18,500 sq.m
Area reserved for internal roads, open space and other amenities			26893.75 sq.m
Total area of compost yard including greenbelt			47,900 sq.m
Greenbelt area for compost yard (~34% of the plot)			16,300 sq.m
Total area allocated for proposed unit with compost yard and greenbelt			1,03,900 sq.m

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20.	List of Raw materials & Storage Details (Pl. add on in the list if necessary)						
	Sr. No	Name of Raw material	Consumption on MT/M	Maximum Storage Details	Hazard category	Proposed precautions to prevent accident	Remarks
	1.	Molasses B- Heavy C- Heavy	100 TPD 111 TPD	Existing: 2 tanks of 4000 MT each Proposed: 2 Storage tanks of 3000 MT each	Fire (03)	Stored in Mild steel tanks	
	2.	Sugarcane Juice	Juice from 429 TPD sugarcane	-	-	-	
	3.	Nutrients N, P	100 Kg/D	-	-	-	
	4.	Turkey Red Oil	150 Kg/D	-	-	-	
21.	Production Details						
	Sr. No.	Name of product	Proposed capacity MT/M	Name of Product approving authority (like FDA of Pharmaceuticals)			
	1.	RS/ENA/AA anhydrous alcohol	30 KLPD	NA			
	-						

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22.	<p>Water Consumption & Effluent generation (All units in CMD)</p> <p>I) Source & Qty. of water requirement (in CMD): Quantity: 271 m³/day (after considering recycling), Source: Palkhed dam</p> <p>II) Water supply permission obtained (Yes/No) & approving Authority: Yes, from Nashik Irrigation Department.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th rowspan="2">Particulars</th> <th colspan="3">Consumption (CMD)</th> <th colspan="3">Loss (CMD)</th> <th colspan="3">Effluent Generation (CMD)</th> </tr> <tr> <th>Existing</th> <th>Proposed</th> <th>total</th> <th>Existing</th> <th>Proposed</th> <th>Total</th> <th>Existing</th> <th>Proposed</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Industrial Process</td> <td>00</td> <td>230</td> <td>230</td> <td>00</td> <td>12</td> <td>12</td> <td>00</td> <td>218</td> <td>218</td> </tr> <tr> <td>Industrial Cooling</td> <td>00</td> <td>270</td> <td>270</td> <td>00</td> <td>110</td> <td>110</td> <td>00</td> <td>160</td> <td>160</td> </tr> <tr> <td>Boiler</td> <td>00</td> <td>288</td> <td>288</td> <td>00</td> <td>06</td> <td>06</td> <td>00</td> <td>282</td> <td>282</td> </tr> <tr> <td>Domestic purpose</td> <td>00</td> <td>20</td> <td>20</td> <td>00</td> <td>8</td> <td>8</td> <td>00</td> <td>12</td> <td>12</td> </tr> <tr> <td>Green belt</td> <td>00</td> <td>00</td> <td>00</td> <td>00</td> <td>00</td> <td>00</td> <td>00</td> <td>00</td> <td>00</td> </tr> <tr> <td>Other (Specify if any)</td> <td>00</td> <td>00</td> <td>00</td> <td>00</td> <td>00</td> <td>00</td> <td>00</td> <td>00</td> <td>00</td> </tr> <tr> <td>Total</td> <td>00</td> <td>808</td> <td>808</td> <td>00</td> <td>136</td> <td>136</td> <td>00</td> <td>672</td> <td>672</td> </tr> </tbody> </table>									Particulars	Consumption (CMD)			Loss (CMD)			Effluent Generation (CMD)			Existing	Proposed	total	Existing	Proposed	Total	Existing	Proposed	Total	Industrial Process	00	230	230	00	12	12	00	218	218	Industrial Cooling	00	270	270	00	110	110	00	160	160	Boiler	00	288	288	00	06	06	00	282	282	Domestic purpose	00	20	20	00	8	8	00	12	12	Green belt	00	00	00	00	00	00	00	00	00	Other (Specify if any)	00	00	00	00	00	00	00	00	00	Total	00	808	808	00	136	136	00	672	672
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23.	Quantity of sewage generation (in CMD)					20 m ³ /d																																																																																												
24.	Details of Sewage Treatment and Disposal of treated sewage:					Will be treated in sugar ETP																																																																																												
25.	<p>Detail of Effluent Generation (unit CMD)</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>Particulars</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>A: Qty. of effluent generation (CMD)</td> <td>532 CMD</td> </tr> <tr> <td>B: Qty. of high TDS/COD effluent (CMD)</td> <td>240 CMD</td> </tr> <tr> <td>C: Qty. of low TDS/COD effluent (CMD)</td> <td>292 CMD</td> </tr> </tbody> </table>									Particulars	Total	A: Qty. of effluent generation (CMD)	532 CMD	B: Qty. of high TDS/COD effluent (CMD)	240 CMD	C: Qty. of low TDS/COD effluent (CMD)	292 CMD																																																																																	
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26.	Whether Zero liquid Discharge Effluent Treatment is proposed (Yes/No)	Yes																											
27.	Brief Description of Effluent Treatment scheme	For spent wash: Biomethanation followed by multi-effect evaporation (MEE) followed by bio-composting For spent lees, condensate of MEE and other effluent: CPU with two stage biological treatment followed by tertiary treatment																											
28.	Qty. of treated effluent proposed to be sent to CETP (pl. mention Name of CETP and its membership Details)	NA																											
29.	Please mention parameters of treated effluent to be achieved as per EP Rule,1986 and or stipulated by the SPCB Spent lees and other wastewater																												
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Parameter</th> <th style="width: 35%;">Inlet Concentration (Mg/l)</th> <th style="width: 35%;">Outlet Concentration (Mg/l)</th> </tr> </thead> <tbody> <tr> <td>PH</td> <td style="text-align: center;">4-4.5</td> <td style="text-align: center;">6.5-8.5</td> </tr> <tr> <td>TSS</td> <td style="text-align: center;">2000-2500</td> <td style="text-align: center;"><1000</td> </tr> <tr> <td>TDS</td> <td style="text-align: center;">2500-3000</td> <td style="text-align: center;"><1000</td> </tr> <tr> <td>COD</td> <td style="text-align: center;">3500-4000</td> <td style="text-align: center;"><250</td> </tr> <tr> <td>BOD</td> <td style="text-align: center;">1200-1600</td> <td style="text-align: center;"><100</td> </tr> <tr> <td>Heavy metals</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> <tr> <td>Benzene</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> <tr> <td>other if any</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> </tbody> </table>		Parameter	Inlet Concentration (Mg/l)	Outlet Concentration (Mg/l)	PH	4-4.5	6.5-8.5	TSS	2000-2500	<1000	TDS	2500-3000	<1000	COD	3500-4000	<250	BOD	1200-1600	<100	Heavy metals	-	-	Benzene	-	-	other if any	-	-
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	For Spentwash: 'Zero Liquid discharge' will be achieved and it will be used in bio-composting process after reducing its volume in MEE																												
30.	Brief note on proposed rainwater harvesting scheme along with budget allocation:																												
	Details of rainwater harvesting and storage																												
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	The industry will implement rainwater-harvesting project for distillery. Presently, it is harvesting water mainly from roof top areas of mill shed, building. All water is collected and channelized to sump wells.																												

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31.	Solid Waste Management					
Sr. No	Type of waste	Qty.	Source Of generation	Disposal methods	Pl mention plan to reduce solid waste generation if any.	
1.	Yeast Sludge dry	1-1.5 TPD	Fermenter process	Used in bio-composting along with Spentwash and pressmud	-	
2.	Ash Bagasse (Max)	2.24 TPD	Burning of Fuel in boiler	Used in bio-composting along with Spentwash and pressmud	-	
3.	Biodigester sludge	1-1.5 TPD	Biomethanation process	mixed into soil/bio-compost	-	
4.	CPU sludge (dry)	0.5-0.8 TPD	wastewater treatment	mixed into soil/bio-compost	-	
32.	Hazardous Waste Generation & Disposal (As per HW Rule 2016)					
Sr. No	Category	Particulars	Source of generation (Please include product)	Total Qty. and generation	Method & disposal as per HW rule (2016)	
1	5.1	Scrap oil	DG sets, Automobiles etc.	200-300 LPA	Given to authorized recycler	
33.	Fuel Consumption					
Sr. no	Type Of fuel	Consumption Qty. (TPD)	Used for Boiler/DG set Etc.	Ash %	SO ₂ %	Air pollution Control/ Equipment Provide (Yes/No)
1.	Bagasse	112 TPD	Boiler	2	< 0.05	Wet scrubber (separate) with existing stack of 72 m of sugar unit
2.	Biogas + Bagasse	7,920 m ³ /day + 96.2 TPD	Boiler	0	0.5	
				2		
34	Brief Note on Air Pollution Control equipment's Existing stack of 72 m with Wet scrubber for existing 20 TPH boiler					

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35	Stack Details (Also include process vent details)																										
	Section/Unit	Source pollutions	Stack No.	Stack height	Height form ground	Internal Diameter (inch)	Temperatur eof exhaust gas																				
	Boiler	Combustion of fuel	1	72 m	0.5 m	2.75 m	150°C																				
36	<p>Energy</p> <p>a) Source of power supply: Steam turbine generator</p> <p>b) Maximum Demand (kVA): 710 kVA</p> <p>c) whether DG sets will be provided (Yes/No): Yes (Existing DG set of sugar unit will be used)</p> <p>d) Please Mention if high tension line is passing through the plot: No</p> <p>e) If yes, pl. give details of safety measures adopted: NA</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">Sr. No</th> <th style="width: 60%;">No. of DG sets</th> <th style="width: 35%;">Capacity</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td>1 (Existing with sugar unit)</td> <td>380 kVA</td> </tr> <tr> <td style="text-align: center;">2.</td> <td>2 (Existing with sugar unit)</td> <td>160 kVA</td> </tr> </tbody> </table>							Sr. No	No. of DG sets	Capacity	1.	1 (Existing with sugar unit)	380 kVA	2.	2 (Existing with sugar unit)	160 kVA											
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37	<p>Details of public hearing (if applicable)</p> <p>i) Place of public hearing: At Karkhana site, and also it was conducted online through CISCO Webex App on the same date and time.</p> <p>ii) Date of public hearing: October 16, 2020</p> <p>Please fill following details</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">Sr. No</th> <th style="width: 25%;">Issue raised during public hearing</th> <th style="width: 30%;">Applicant plan for its compliance/ implementation</th> <th style="width: 15%;">Budget allocation for implementation</th> <th style="width: 25%;">Specific time line of compliance</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td>Will there any contamination of well water occur due to the said project?</td> <td>The industry will provide treatment plant for MEE and concentrated spent wash will be disposed through Bio Composting and zero liquid Discharge concept will be adopted by the industry.</td> <td style="text-align: center;">Rs. 870.23 Lakhs</td> <td>Upto commissioning</td> </tr> <tr> <td style="text-align: center;">2.</td> <td>What will be the benefit of the project to our village?</td> <td>Due to proposed Distillery, the farmers will get higher price for the sugar cane. The compost will be given to farmer for their farm on no loss no profit basis. The employment to 115 local residents will obtain.</td> <td style="text-align: center;">-</td> <td></td> </tr> <tr> <td style="text-align: center;">3.</td> <td>Will there any Air</td> <td>The industry will provide wet scrubber as Air Pollution</td> <td style="text-align: center;">Rs. 110.00 Lakh</td> <td>Upto commissioning</td> </tr> </tbody> </table>							Sr. No	Issue raised during public hearing	Applicant plan for its compliance/ implementation	Budget allocation for implementation	Specific time line of compliance	1.	Will there any contamination of well water occur due to the said project?	The industry will provide treatment plant for MEE and concentrated spent wash will be disposed through Bio Composting and zero liquid Discharge concept will be adopted by the industry.	Rs. 870.23 Lakhs	Upto commissioning	2.	What will be the benefit of the project to our village?	Due to proposed Distillery, the farmers will get higher price for the sugar cane. The compost will be given to farmer for their farm on no loss no profit basis. The employment to 115 local residents will obtain.	-		3.	Will there any Air	The industry will provide wet scrubber as Air Pollution	Rs. 110.00 Lakh	Upto commissioning
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	Pollution occur due to the said distillery and what will its effects on environment?	Control system to 20 TPH boiler and will achieve the standards of the board. Due to the said Air Pollution Control System, there will be no effect on air quality of the area.		
4.	Will the industry give the employment to the local people and when the project will complete?	As per skill, the industry will give employment to the local people. The Environment Clearance will obtain in the 6 months and there after the project will be completed in the 8 months after EC.	-	the project will be completed in the 6-8 months after Environmental Clearance
5.	Due to the proposed distillery, the farmers will get higher prices to their sugar cane and we support for the said proposed distillery	Thank you for supporting the proposed project.	-	-
6.	How the industry will dispose the remaining waste water?	The management has planned to achieve Zero liquid discharge' for the proposed project. ZLD scheme was already explained earlier. According to the same, spent wash -which is a main pollutant of molasses based distillery- disposed by adopting composting as a final treatment option. Thus, spent wash will be mixed with press mud (solid waste from the sugar unit) and converted into compost. Compost will be utilized by farmer as an organic fertilizer. Wastewater streams such as spentlees, process other washing water, blow down etc. will be treated in CPU. Treated water will be reused for molasses dilution, cooling tower makeup and watering greenbelt plants.	CPU: Rs. 194.00 Lakhs	Upto commissioning
7.	Will the local people get employment due to the proposed	The industry will give the employment to the local people and technical training to the	Training cost is included in pre-operative cost. If	Technical training to the employees will be provided

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	project? And will there any technical training to the employee?	employee will be given at VSI, Pune	required, expenditures will be met from the said budget	as per requirement of the factory
8.	Will the capacity of 30 KLPD Distillery increased and how the loan and interest will be paid by the industry?	Distillery will be operated as per the legal and statutory permissions. It will abide by the laws. So, operating the unit beyond permitted limits is not possible. Loan and interest payment is totally depends upon the operational success of the unit. According to the estimates, if the unit is operated at 100% efficiency a period of 4 years and 4 months required for pay-back.	-	-
9.	We support the proposed distillery. The management of the Karkhana did very good work from last 10-12 year and no one dared to install the distillery in this sugar factory.	Thanks for supporting the proposed project	-	-
10.	What is the difference between pollution due to production of alcohol from molasses and production of alcohol from sugar cane juice? Where the electricity generated from distillery will utilized? Who will give training to the employee?	The concentration of pollutant in the effluent is depending on the solid material available in the fermentation process. Alcohol conversation is depending on the convertible sugar. In the sugar cane juice the concentration of solid is depend on the convertible sugar. In the sugar cane juice the concentration of solid is 4 to 5% and in the molasses it is 10 to 12 %. But ZLD scheme will remain same. It is designed considering maximum harsh conditions. Regarding Electricity – there is a provision of captive power turbine in the proposed project.	Training cost is included in pre-operative cost. If required, expenditures will be met from the said budget	Upto commissioning

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			Power will be utilized within the distillery unit. There is a fermentation technology course available in the VSI and training will be given in VSI.		
11.	How much reduction in the quantity of spent wash will occur in MEE? How much Methane Gas will be generated? What will the ratio of spent wash and press mud and how much area will be for composting?	After Biomethanation spent wash will be sent to MEE unit. Here its volume will be reduced upto 48 m ³ per day. It is approx. 80% of its inlet volume (MEE inlet volume 240 m ³ /day). It is 1.6 – 1.7 litres per litre of alcohol produced. In proposed project, bio-methanation (using anaerobic biodigester) of spent wash is a primary treatment. Here, biogas will be produced due to bio-digestion of organic rich wastewater. Through bio-methanation process 7,920 m ³ /day biogas expected to get generated. In third stage of treatment, the concentrated spent wash will be disposed off through Bio-composting process. In this, spent wash is mixed with press mud in a ratio of 1:1. Other filler material such as bagasse ash, sludge from CPU, digester, etc. also mixed into bio-compost. The management has made financial provision of Rs. 676.23 lakhs for setting up the compost yard.	Rs. 1526.23 Lakhs	Upto commissioning	

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	12.	How much quantity of spent wash will generate? It is advised that the industry shall installed the distillery plant developed on modern technology so as to reduce the generation of spent wash	There will generation of 12960 KL Concentrated spent wash from 270 days operation of the distillery and the generation of spent wash from per lit. Alcohol productions will 8 lit. The monitoring is carried out as per norms for obtain EC.	-	
38	EMP (Please mention specific items proposed in EMP along with specific timeline for its implementation)				
	I)Construction Phase				
	#	Attribute	Specific Measure	Budget in (Rs Lakh)	Remark
	1.	Air	Use of electrically operated machinery, Regular maintenance of transportation vehicles, sprinkling of water on roads for dust suppression, sprinkling of water while loading/unloading the dust generating material.	8.00	Basic facilities like Drinking water, Toilets, first aid facility and Safety gears will be provided to construction workers
	2.	Water	Minimize wastage of water, Use fresh water with utmost care.	0.50	
	3.	Noise	Use of low noise making and preferably electrically operated machineries for construction, regular maintenance of transportation vehicles and other machineries.	0.75	
	4.	Soil	Excavated soil will be stacked separately and reused for greenbelt development, Stones and excess soil will be used for foundation or internal roads or levelling purpose within premises.	0.75	
	5.	Solid waste	Segregation of solid waste	0.10	
	6.	Hazardous waste	-		
	7.	Fuel & energy	-		

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8.	Safety & Health	Proper safety precautions to avoid accidents and related damages.	1.00			
II) Operation Phase						
#	Attribute	Specific Measure	Budget in (Rs Lakh)	Timeline for 1/5 implement	Responsibility	Remark
1	Air	Wet scrubber Mechanized system for bagasse & ash handling, Use of CO ₂ Scrubber,	85.00	Upto commissioning	operation/ maintenance: Distillery manager, chief engineer, civil engineer and environment	
		asphalted/concrete internal roads will be developed, Development of greenbelt	20.00			
2	Water	'Zero liquid discharge' will be achieved. Reuse, Recycle & Conservation of Water	1721.00	Upto commissioning	operation/ maintenance: Distillery manager, chief engineer, and environment officer	
3	Noise	Major sources (TG set etc.) will be in covered area, Regular maintenance of machines and factory vehicles, separate parking for goods and other vehicles, Internal roads will be asphalted, Provision of adequate personal protective equipment for workers	20.00	Upto commissioning	operation/ maintenance: Distillery manager, civil engineer and environment officer	
4	Soil	Bio-compost produced from spentwash-pressmud and mixing of degradable solid waste (e.g. ash) into soil.	697.00	Upto commissioning	Environment officer	
5	Solid waste	Boiler ash (max) 2.24 TPD Yeast sludge 1-1.5 TPD will be Used in bio-composting along with Spentwash		Continuous		

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		and pressmud. Sludge from CPU 0.5-0.8 TPD and Biodigester sludge 1-1.5 TPD will be also used for mixing in Soil/Compost				
6	Hazardous waste	The only hazardous waste likely to be generated will be scrap oil from DG set, automobiles, gears etc. which will be 200-300 LPA. This will be stored in leak proof drums in storage yard and disposed safely by giving it to authorized hazardous waste oil dealer	2.00	Continuous	Environment officer	
7	Fuel & energy	bagasse and biogas used as fuel. Both are renewable energy sources. diesel generator will be used only in case of captive power failure	390.00	Continuous	Distillery Manager and Chief Engineer	
8	Safety & Health	Proper safety precautions to avoid accidents and related damages.	45.00	Continuous	Safety officer	
39	<p>Other Relevant Information: (Pl. provide brief note on proposed project)</p> <p>M/s. Kadwa Sahakari Sakhar Karkhana Ltd. (TKSSKL), located at Materewadi, in Dindori talika of Nasik district in Maharashtra. The TKSSKL it is registered under the vide registration no. NSK/PRG/(A)(3)(S) dated 15/10/1970. The management of the factory has decided to install 30 KLPD molasses based distillery unit. The proposed plant will be based on latest technology of continuous/fed-batch fermentation and multi-pressure distillation with standalone multiple effect evaporation & molecular sieve dehydration (MSDH) system to produce rectified spirit or fuel (ethanol) alcohol.</p> <p>Proposed distillery unit (process unit at Materewadi) will be installed adjacent to existing sugar mill and the compost yard, spent wash storage, leachate collection pits and separate greenbelt for compost yard are will be constructed 1 km. towards North (at village Bopegaon) of the distillery site.</p> <p>The management has also decided to install biogas plant (240 m³/day spent wash feed) as a primary effluent treatment system, biomethanated spent wash (240 m³/day feed) will be treated in multiple effect evaporation plant (MEE) for concentration of biomethanated spent wash up to 30% total solids content as a secondary effluent treatment system. The Concentrated spentwash is then mixed with pressmud to produce bio-compost</p>					

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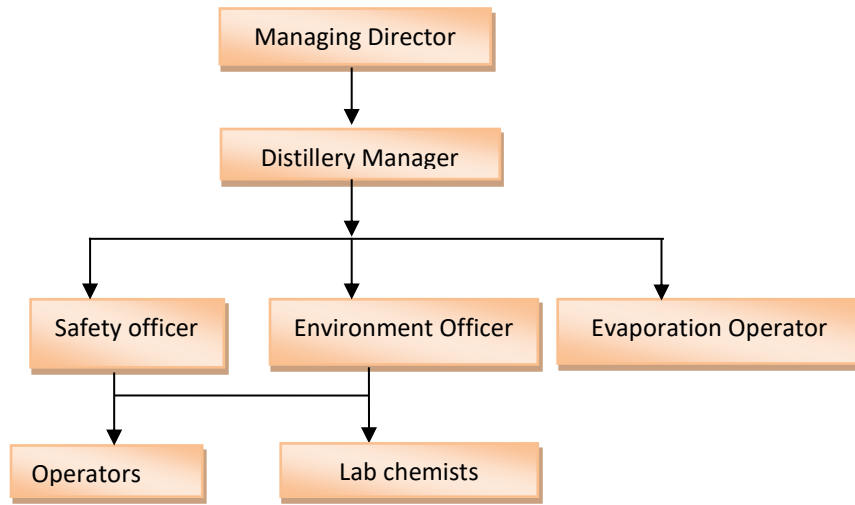
	<p>in the final treatment. Spentlees and evaporation condensate will be treated water will be reused in process. Wet scrubber will be used as Air pollution control equipment also proper measure will be taken for Noise, solid waste and occupational health and safety management.</p>																		
40	<p>Details of skill development program within Organization</p> <p>The KSSKL is also involved in several socio-economic developmental activities to help member farmers and workers of factory. The summary of these activities is given below:</p> <ul style="list-style-type: none">• Tree Plantation: TKSSKL, is independently undertaking tree plantation activity in the vicinity of factory and surrounding area.• Sugarcane development: TKSSKL, has undertaken various sugarcane development activities in its area of operation. Notable sugar development activities involve saplings production for farmers, drip irrigation subsidies and awareness programs, organic farming initiative for sustainable agricultural practices, gen set distribution to member farmers, guidance to farmers to understand financial and management issues related to sugarcane farming.• factory also conducts routine sugarcane cultivation awareness camps and workshops for farmers and provides information on latest techniques and agricultural practices to the farmers.• The sugar mill is giving medical aid to the employees and their dependents.• factory is providing the educational facilities such as, primary school, high school, Junior and senior collages for the children of member farmers, & factory workers.																		
41	<p>Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience)</p> <p>It is recommended to constitute a separate Environment Management Cell (EMC) by including following personnel. It should be established to monitor and control the environmental quality in and around the industrial complex. Members of the EMC should be well qualified and experienced in their respective/concerned field. The human resource for EMC and schematic of Environment Management Cell (EMC) is given below.</p> <table border="1"><thead><tr><th>Particulars</th><th>Number</th><th>Education and experience</th></tr></thead><tbody><tr><td>Managing Director</td><td>One</td><td>Graduation and 30 years</td></tr><tr><td>Distillery Manager</td><td>One</td><td>B.Sc + AVSI with 25 years</td></tr><tr><td>Environment officer/Chemist</td><td>One</td><td>MSc Env Sci. with 5 years</td></tr><tr><td>Safety Officer</td><td>One</td><td>B.Sc + Dip in Safety with 5 year experience</td></tr><tr><td>Evaporation plant Operator</td><td>four</td><td>ITI</td></tr></tbody></table>	Particulars	Number	Education and experience	Managing Director	One	Graduation and 30 years	Distillery Manager	One	B.Sc + AVSI with 25 years	Environment officer/Chemist	One	MSc Env Sci. with 5 years	Safety Officer	One	B.Sc + Dip in Safety with 5 year experience	Evaporation plant Operator	four	ITI
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Lab Chemist	Six	B.Sc
Aerotiller Operators/ Pay loader operator	Eight	ITI
Helpers	Twelve	10+2



Schematics of Environment Management Cell (EMC)

42	Details of court cases if pending in any Hon'ble court	NO
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RECOMMENDATIONS OF SEAC:

After detailed deliberations with the PP and the accredited consultant, SEAC-1 decided to recommend the proposal for prior Environmental Clearance subject to following specific EC conditions along with general EC conditions as stipulated in Appendix- 1 attached here with.

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Sr. No.	Condition
1	PP proposes to transport spent wash from the manufacturing site to their other site located at an approx. distance of 1.7 Km. PP to provide above ground pipe laying with adequate size pipe trays to identify leakages and take appropriate mitigation measures in time to avoid soil pollution
2	PP shall adhere to the conditions stipulated by the irrigation department to ensure no activity zone along both sides of canal (Ozarkhed main canal DY chari) passing through their plots and take utmost care not to contaminate the canal water at any pint of time
3	PP shall implement Zero Liquid Discharge concept of Effluent Treatment Plant. PP shall treat and reuse the treated water within the factory premises and no waste or treated water shall be discharged outside the premises
4	CO ₂ generated from the process (if any) shall be bottled and utilized/sold to authorized vendors
5	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution, odor nuisance and other fugitive emissions
6	PP shall follow CPCB norms in letter and spirit for composting of sludge on site.
7	PP shall comply with all the environmental protection measures and safeguards proposed in the documents submitted. All the recommendations made in EIA/EMP in respect of environmental management and risk mitigation measures relating to the project shall be implemented
8	PP to ensure compliance of issues raised during Public Hearing along with financial provisions and time lines for its compliance
9	PP to complete rain water harvesting facility before the commissioning of the manufacturing activity
10	PP shall ensure to obtain approval of PESO to the layout from Chief Controller of Explosives
11	PP shall ensure to spend entire CER funds before commissioning of the manufacturing activities
12	PP to develop 33% green belt with minimum three layers of plantation preferably along the periphery of the plant premises before commissioning of the manufacturing activities. PP to use drip irrigation for the development of green belt.

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13	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environmental betterment
14	Occupational Health Centre for surveillance of the workers health shall be set up. The health data shall be used in deploying the duties of the workers. All workers and employees shall be provided with required safety kits/ PPE/ mask for personal protection
15	Training shall be imparted to all employees on safety and health aspects of chemical handling. Safety and visual reality training shall be provided to employees
16	PP shall make arrangements for protection of possible fire hazard during manufacturing in material handling. Firefighting system shall be as per the prevailing norms.
17	There shall be adequate space inside the plant premises earmarked for parking of vehicles, for storage of raw material and finished products, and no parking to be allowed outside on public road
18	PP to provide adequate numbers of wash rooms along with shelters for the floating population visiting to the premises such as vehicle drivers, farmers, visitors etc
19	Continuous online (24 x 7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and MPCB served. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/ drain carrying effluent within the premises
20	A separate Environmental Management Cell (with qualified person with Environmental Science/ Environmental Engineering / Specialization in the project area) equipped with full-fledged laboratory facility shall be set up to carry out the Environmental management and Monitoring functions
21	PP to carry out physiochemical analysis report of the compost proposed to be used as manure and obtain approval from the competent Authority so as to ensure its safe use on agricultural land.

CONCLUSION:

Recommended

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Venue: Through Video Conferencing

Proposal No. 7: SIA/MH/MIN/213796	Type: EC
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INTRODUCTION:

This has reference to your online application vide proposal No. 213796 submitted along with copies of documents seeking the Environmental Clearance under the provisions of the EIA Notification, 2006. The proposed project activity is listed at Sr. No. 5(g), 5 (j) Distillery and Sugarcane Crushing under category B1 of the EIA Notification, 2006 amended from time to time and the proposal is appraised in the SEAC-1 committee.

PROJECT DETAILS:

Environmental Clearance for proposed expansion of Sugarcane Crushing Capacity From 6000 TCD to 10000 TCD And Distillery Capacity From 45 KLPD To 90 KLPD (Ethanol) Based on Sugarcane Juice/ Syrup/"B" Heavy Molasses/"C" Molasses As Raw Material. At Shreepur, Tal: Malshiras, Dist: Solapur –by Shree Pandurang Sahakarisakhar Karkhana Ltd.

Details of earlier EC if any:

No

DELIBERATIONS IN SEAC:

After deliberations SEAC observed:-

SEAC-1 noted that, the request of PP regarding withdrawal of EC application has been accepted by the NIC portal. Therefore, the proposal is not included in online agenda.

RECOMMENDATIONS OF SEAC:

PP had withdrawn their application fro PARIVESH portal, therefore the proposal is not included in online agenda..

CONCLUSION:

Withdrawn

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Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

Proposal No. 8: SIA/MH/MIN/62878	Type: EC
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INTRODUCTION:

This has reference to your online application vide proposal No. 62878 submitted along with copies of documents seeking the Environmental Clearance under the provisions of the EIA Notification, 2006. The proposed project activity is listed at Sr. No. 5(g), 5 (j) Distillery and Sugarcane Crushing under category B1 of the EIA Notification, 2006 amended from time to time and the proposal is appraised in the SEAC-1 committee.

PROJECT DETAILS:

Environment Clearance for expansion of Sugar unit from 2500 TCD to 7500 TCD, Molasses Based Distillery from 20 KLPD to 100 KLPD and New 38 MW Cogeneration Unit at Gut No. 21/1 to 21/6, Kumathe, Post- Tikekarwadi, Tal. North Solapur, Dist. Solapur by M/s. SHREE SIDDHESHWAR SAHAKARI SAKHAR KARKHANA LTD..

Details of earlier EC if any:

No

DELIBERATIONS IN SEAC:

After deliberations SEAC observed:-

PP remained absent.

RECOMMENDATIONS OF SEAC:

PP remained absent, hence deferred

CONCLUSION:

Deferred

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Venue: Through Video Conferencing

Proposal No. 9: SIA/MH/MIN/195476	Type: EC
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INTRODUCTION:

This has reference to your online application vide proposal No. 195476 submitted along with copies of documents seeking prior Environmental Clearance under the provisions of the EIA Notification, 2006. The proposed project activity is listed at Sr. No. 1 (a) Mining of Minerals under category B2 of the EIA Notification, 2006 amended from time to time and the proposal is appraised in the SEAC-1 committee.

PROJECT DETAILS:

Environmental Clearance for Sutkar Sand Spot over an extent of 1.386 HA (MINEABLE AREA-1.0395 HA & NON-MINEABLE AREA-0.3465 HA) At Tapi River Bed Gut No.23, 24, 25, 28 & 29 Village Sutkar, Tehsil-Chopda, District Jalgaon by District Mining Officer, Jalgaon.

Details of earlier EC if any:

No

DELIBERATIONS IN SEAC:

After deliberations SEAC observed:-

DMO, Jalgaon was present during the meeting along with Accredited Environmental consultant M/s. Integrated Precision Systems and Services Pvt. Ltd.

The project details as submitted by the PP are as below,

Village Name	Sand Mining Quantity in brass	Name of River	Total area in Ha.	Mineable area dimensions Length x Breadth x Depth in meters	EMP Cost in Rs. Lakhs	Plantation along the approach road (number of trees)	Plantation along the river bank (number of trees)	Date of Public Hearing	Budget proposed for compliance of issues raised in Public Hearing in Rs. Lakhs
Sutkar	2093	Tapi	1.38	315 x 33 x 0.57	10.69	772	315	19.05.2021	3.30

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Venue: Through Video Conferencing

The project proposal was discussed on the basis of documents presented by the PP and their accredited consultant.

DMO, Jalgoan informed that, there is not cluster formation in the proposed sand ghat area.

Further it is informed that the proposed site does not fall in any ESZ/ESA or polluted stretch of river.

RECOMMENDATIONS OF SEAC:

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

Sr. No.	Conditions
1	DMO to demarcate the proposed sand ghat with geo-referencing clearly providing adequate space for necessary infrastructure and facilities as presented in the layout
2	The District Collector shall ensure that, the final lease be granted only after ensuring the river bed is dry. No sand mining activity be carried out if there is water in the river bed
3	The District Collector shall ensure that, the approach road from the proposed sand ghat to the sand storage depot is properly identified and demarcated with the consent of the concern land owners before issuing final lease document
4	PP to monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and piezometers shall be installed at all sand quarry sites. Monitoring of Groundwater Quality in the vicinity (one kilometre radius from the sand quarrying site) shall be carried out once in two months
5	PP to ensure that, suitable depots shall be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 10-15 Acres with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government land, foreshore area of tank bund etc. near an NH/SH/MDR/ODR. In the absence of any Government land in the vicinity, private land may be leased out and rent fixed as per the approved Government rates applicable there in
6	PP to identify the central 3/4th part of river on map where there is a deposition of sand and remaining 1/4th area needs to be kept as no mining zone for the protection of the bank

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7	PP to install permanent boundary pillars at the identified area of the aggradation and deposition outside the bank of the river at a safe location for future surveying. The distance between boundaries on each side of the bank shall not be more than 100 meters
8	PP to ensure that no mining activity is carried out below the depth as approved by the Competent Authority
9	PP to make sure that the Environmental Management Plan as presented shall be included in the lease agreement to be signed with the lease holder and ensure its implementation
10	PP to ensure that, the distance of mining activity area from the river bank shall be 1/4 th of the river bed width and should not be less than 7.5 meters
11	PP to ensure that, sand shall not be extracted up to a distance of 1 km from bridges and highways on both sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 meters on the upstream and 500 meters on the downstream side
12	The District Collector shall define the transportation route from the mining lease considering the maximum production from the mines, size of mining lease, their location, the quantity of mineral that can be mined safely etc considering the movement of trucks/tippers/tractors for the villages having habitation shall be avoided.
13	PP to ensure following additional measures are to be provided by the leaseholder to prevent any vehicle from transporting sand out of the lease area bypassing the IT enabled system, A. To provide one entry and exit point for vehicles. In case it is necessary to have more than one entry/exit all such points have check points all digital monitoring facilities as mentioned in the Enforcement and Monitoring Guidelines issued by MoEF&CC in January 2020. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to not make it possible for any vehicle to enter or exit without entry into the computerized system. B. All such point shall have 24x7 CCTV coverage, the footage of which shall be submitted to the District Collector by the lease holder at mutually agreed frequencies
14	The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking
15	PP shall carry out sand mining by manual method only. No mechanical /electrical/power driven devices shall be used for sand mining purpose
16	PP to ensure no stream is diverted due to proposed sand mining activity

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Venue: Through Video Conferencing

17	PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise
18	PP to ensure that, no heavy vehicles like truck, dumper etc. should ply in the river bed.
19	PP to ensure that, there is no damage to any fauna and its nesting close to the sand mining if any
20	PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution
21	PP to provide movable bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB
22	PP to ensure that parking shall be done at designated place only and shall not be on Public roads or in the river bed
23	The sand transportation shall be carried out through the covered vehicles only and the vehicles carrying the mineral shall not be overloaded
24	PP to provide First Aid facility at the proposed mining site
25	The District Collector to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter
26	PP to ensure strict compliance of Enforcement & Monitoring Guidelines published by the MoEF&CC in January 2020
27	PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department
28	The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining activity passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP (C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 & 173/2018 be strictly followed

CONCLUSION:

Recommended

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

Proposal No. 10: SIA/MH/MIN/195505	Type: EC
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INTRODUCTION:

This has reference to your online application vide proposal No. 195505 submitted along with copies of documents seeking prior Environmental Clearance under the provisions of the EIA Notification, 2006. The proposed project activity is listed at Sr. No. 1 (a) Mining of Minerals under category B2 of the EIA Notification, 2006 amended from time to time and the proposal is appraised in the SEAC-1 committee.

PROJECT DETAILS:

Environmental Clearance for Thorgavhan Sand Spot over an extent of 1.342 HA (MINEABLE AREA-1.0065 HA & NON-MINEABLE AREA-0.3355 HA) At Tapi River Bed Gut No.1 & 2 Thorgavhan Village, Tehsil-Yaval, District Jalgaon by District Mining Officer, Jalgaon.

Details of earlier EC if any:

No

DELIBERATIONS IN SEAC:

After deliberations SEAC observed:-

DMO, Jalgaon was present during the meeting along with Accredited Environmental consultant M/s. Integrated Precision Systems and Services Pvt. Ltd.

The project details as submitted by the PP are as below,

Village Name	Sand Mining Quantity in brass	Name of River	Total area in Ha.	Mineable area dimensions Length x Breadth x Depth in meters	EMP Cost in Rs. Lakhs	Plantation along the approach road (number of trees)	Plantation along the river bank (number of trees)	Date of Public Hearing	Budget proposed for compliance of issues raised in Public Hearing in Rs. Lakhs
Thorgavhan	3557	Tapi	1.34	610 x 16.5 x 1	13.14	1022	330	19.05.2021	3.30

The project proposal was discussed on the basis of documents presented by the PP and their accredited consultant.

DMO, Jalgaon informed that, there is not cluster formation in the proposed sand ghat area.

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Venue: Through Video Conferencing

Further it is informed that the proposed site does not fall in any ESZ/ESA or polluted stretch of river.

RECOMMENDATIONS OF SEAC:

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

Sr. No.	Conditions
1	DMO to demarcate the proposed sand ghat with geo-referencing clearly providing adequate space for necessary infrastructure and facilities as presented in the layout
2	The District Collector shall ensure that, the final lease be granted only after ensuring the river bed is dry. No sand mining activity be carried out if there is water in the river bed
3	The District Collector shall ensure that, the approach road from the proposed sand ghat to the sand storage depot is properly identified and demarcated with the consent of the concern land owners before issuing final lease document
4	PP to monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and piezometers shall be installed at all sand quarry sites. Monitoring of Groundwater Quality in the vicinity (one kilometre radius from the sand quarrying site) shall be carried out once in two months
5	PP to ensure that, suitable depots shall be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 10-15 Acres with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government land, foreshore area of tank bund etc. near an NH/SH/MDR/ODR. In the absence of any Government land in the vicinity, private land may be leased out and rent fixed as per the approved Government rates applicable there in
6	PP to identify the central 3/4th part of river on map where there is a deposition of sand and remaining 1/4th area needs to be kept as no mining zone for the protection of the bank
7	PP to install permanent boundary pillars at the identified area of the aggradation and deposition outside the bank of the river at a safe location for future surveying. The distance between boundaries on each side of the bank shall not be more than 100 meters

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8	PP to ensure that no mining activity is carried out below the depth as approved by the Competent Authority
9	PP to make sure that the Environmental Management Plan as presented shall be included in the lease agreement to be signed with the lease holder and ensure its implementation
10	PP to ensure that, the distance of mining activity area from the river bank shall be 1/4th of the river bed width and should not be less than 7.5 meters
11	PP to ensure that, sand shall not be extracted up to a distance of 1 km from bridges and highways on both sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 meters on the upstream and 500 meters on the downstream side
12	The District Collector shall define the transportation route from the mining lease considering the maximum production from the mines, size of mining lease, their location, the quantity of mineral that can be mined safely etc considering the movement of trucks/ tippers/tractors for the villages having habitation shall be avoided.
13	<p>PP to ensure following additional measures are to be provided by the leaseholder to prevent any vehicle from transporting sand out of the lease area bypassing the IT enabled system,</p> <p>A. To provide one entry and exit point for vehicles. In case it is necessary to have more than one entry/exit all such points have check points all digital monitoring facilities as mentioned in the Enforcement and Monitoring Guidelines issued by MoEF&CC in January 2020. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to not make it possible for any vehicle to enter or exit without entry into the computerized system.</p> <p>B. All such point shall have 24x7 CCTV coverage, the footage of which shall be submitted to the District Collector by the lease holder at mutually agreed frequencies</p>
14	The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking
15	PP shall carry out sand mining by manual method only. No mechanical /electrical/power driven devices shall be used for sand mining purpose
16	PP to ensure no stream is diverted due to proposed sand mining activity
17	PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise

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Venue: Through Video Conferencing

18	PP to ensure that, no heavy vehicles like truck, dumper etc. should ply in the river bed.
19	PP to ensure that, there is no damage to any fauna and its nesting close to the sand mining if any
20	PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution
21	PP to provide movable bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB
22	PP to ensure that parking shall be done at designated place only and shall not be on Public roads or in the river bed
23	The sand transportation shall be carried out through the covered vehicles only and the vehicles carrying the mineral shall not be overloaded
24	PP to provide First Aid facility at the proposed mining site
25	The District Collector to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter
26	PP to ensure strict compliance of Enforcement & Monitoring Guidelines published by the MoEF&CC in January 2020
27	PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department
28	The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining activity passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP (C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 & 173/2018 be strictly followed

CONCLUSION:

Recommended

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Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

Proposal No. 11: SIA/MH/MIN/195397	Type: EC
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INTRODUCTION:

This has reference to your online application vide proposal No. 195397 submitted along with copies of documents seeking prior Environmental Clearance under the provisions of the EIA Notification, 2006. The proposed project activity is listed at Sr. No. 1 (a) Mining of Minerals under category B2 of the EIA Notification, 2006 amended from time to time and the proposal is appraised in the SEAC-1 committee.

PROJECT DETAILS:

Environmental Clearance for Belvay (Part 2) Sand Spot over an extent of 1.34 HA (MINEABLE AREA-1.005 HA & NON-MINEABLE AREA-0.335 HA) At Waghur River Bed Gut No.216,214 Belvay Village, Tehsil-Bhusaval, District Jalgaon by District Mining Officer,Jalgaon.

Details of earlier EC if any:

No

DELIBERATIONS IN SEAC:

After deliberations SEAC observed:-

DMO, Jalgaon was present during the meeting along with Accredited Environmental consultant M/s. Integrated Precision Systems and Services Pvt. Ltd.

The project details as submitted by the PP are as below,

Village Name	Sand Mining Quantity in brass	Name of River	Total area in Ha.	Mineable area dimensions Length x Breadth x Depth in meters	EMP Cost in Rs. Lakhs	Plantation along the approach road (number of trees)	Plantation along the river bank (number of trees)	Date of Public Hearing	Budget proposed for compliance of issues raised in Public Hearing in Rs. Lakhs
Belvay Part-2	1065	Waghur	1.34	335 x 30 x 0.3	9.45	440	335	19.05.2021	3.30

The project proposal was discussed on the basis of documents presented by the PP and their accredited consultant.

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Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

DMO, Jalgoan informed that, there is not cluster formation in the proposed sand ghat area.

Further it is informed that the proposed site does not fall in any ESZ/ESA or polluted stretch of river.

RECOMMENDATIONS OF SEAC:

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

Sr. No.	Conditions
1	DMO to demarcate the proposed sand ghat with geo-referencing clearly providing adequate space for necessary infrastructure and facilities as presented in the layout
2	The District Collector shall ensure that, the final lease be granted only after ensuring the river bed is dry. No sand mining activity be carried out if there is water in the river bed
3	The District Collector shall ensure that, the approach road from the proposed sand ghat to the sand storage depot is properly identified and demarcated with the consent of the concern land owners before issuing final lease document
4	PP to monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and piezometers shall be installed at all sand quarry sites. Monitoring of Groundwater Quality in the vicinity (one kilometre radius from the sand quarrying site) shall be carried out once in two months
5	PP to ensure that, suitable depots shall be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 10-15 Acres with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government land, foreshore area of tank bund etc. near an NH/SH/MDR/ODR. In the absence of any Government land in the vicinity, private land may be leased out and rent fixed as per the approved Government rates applicable there in
6	PP to identify the central 3/4 th part of river on map where there is a deposition of sand and remaining 1/4 th area needs to be kept as no mining zone for the protection of the bank

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Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

7	PP to install permanent boundary pillars at the identified area of the aggradation and deposition outside the bank of the river at a safe location for future surveying. The distance between boundaries on each side of the bank shall not be more than 100 meters
8	PP to ensure that no mining activity is carried out below the depth as approved by the Competent Authority
9	PP to make sure that the Environmental Management Plan as presented shall be included in the lease agreement to be signed with the lease holder and ensure its implementation
10	PP to ensure that, the distance of mining activity area from the river bank shall be 1/4 th of the river bed width and should not be less than 7.5 meters
11	PP to ensure that, sand shall not be extracted up to a distance of 1 km from bridges and highways on both sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 meters on the upstream and 500 meters on the downstream side
12	The District Collector shall define the transportation route from the mining lease considering the maximum production from the mines, size of mining lease, their location, the quantity of mineral that can be mined safely etc considering the movement of trucks/ tippers/tractors for the villages having habitation shall be avoided.
13	<p>PP to ensure following additional measures are to be provided by the leaseholder to prevent any vehicle from transporting sand out of the lease area bypassing the IT enabled system,</p> <p>A. To provide one entry and exit point for vehicles. In case it is necessary to have more than one entry/exit all such points have check points all digital monitoring facilities as mentioned in the Enforcement and Monitoring Guidelines issued by MoEF&CC in January 2020. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to not make it possible for any vehicle to enter or exit without entry into the computerized system.</p> <p>B. All such point shall have 24x7 CCTV coverage, the footage of which shall be submitted to the District Collector by the lease holder at mutually agreed frequencies</p>
14	The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking
15	PP shall carry out sand mining by manual method only. No mechanical /electrical/power driven devices shall be used for sand mining purpose
16	PP to ensure no stream is diverted due to proposed sand mining activity

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Venue: Through Video Conferencing

17	PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise
18	PP to ensure that, no heavy vehicles like truck, dumper etc. should ply in the river bed.
19	PP to ensure that, there is no damage to any fauna and its nesting close to the sand mining if any
20	PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution
21	PP to provide movable bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB
22	PP to ensure that parking shall be done at designated place only and shall not be on Public roads or in the river bed
23	The sand transportation shall be carried out through the covered vehicles only and the vehicles carrying the mineral shall not be overloaded
24	PP to provide First Aid facility at the proposed mining site
25	The District Collector to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter
26	PP to ensure strict compliance of Enforcement & Monitoring Guidelines published by the MoEF&CC in January 2020
27	PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department
28	The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining activity passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP (C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 & 173/2018 be strictly followed

CONCLUSION:

Recommended

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

Proposal No. 12: SIA/MH/MIN/195209	Type: EC
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INTRODUCTION:

This has reference to your online application vide proposal No. 195209 submitted along with copies of documents seeking prior Environmental Clearance under the provisions of the EIA Notification, 2006. The proposed project activity is listed at Sr. No. 1 (a) Mining of Minerals under category B2 of the EIA Notification, 2006 amended from time to time and the proposal is appraised in the SEAC-1 committee.

PROJECT DETAILS:

Environmental Clearance for Jogalkheda sand spot over an extent of 1.3455 HA (MINEABLE AREA-1.0091 HA & NON-MINEABLE AREA-0.3364 HA) At Waghur River Bed Gut No.139 Jogalkheda Village, Tehsil-Bhusaval, District Jalgaon by District Mining Officer, Jalgaon.

Details of earlier EC if any:

No

DELIBERATIONS IN SEAC:

After deliberations SEAC observed:-

DMO, Jalgaon was present during the meeting along with Accredited Environmental consultant M/s. Integrated Precision Systems and Services Pvt. Ltd.

The project details as submitted by the PP are as below,

Village Name	Sand Mining Quantity in brass	Name of River	Total area in Ha.	Mineable area dimensions Length x Breadth x Depth in meters	EMP Cost in Rs. Lakhs	Plantation along the approach road (number of trees)	Plantation along the river bank (number of trees)	Date of Public Hearing	Budget proposed for compliance of issues raised in Public Hearing in Rs. Lakhs
Jogalkheda	1069	Waghur	1.34	345 x 29.25 x 0.3	8.12	443	234	19.05.2021	3.30

The project proposal was discussed on the basis of documents presented by the PP and their accredited consultant.

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

DMO, Jalgoan informed that, there is not cluster formation in the proposed sand ghat area.

Further it is informed that the proposed site does not fall in any ESZ/ESA or polluted stretch of river.

RECOMMENDATIONS OF SEAC:

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

Sr. No.	Conditions
1	DMO to demarcate the proposed sand ghat with geo-referencing clearly providing adequate space for necessary infrastructure and facilities as presented in the layout
2	The District Collector shall ensure that, the final lease be granted only after ensuring the river bed is dry. No sand mining activity be carried out if there is water in the river bed
3	The District Collector shall ensure that, the approach road from the proposed sand ghat to the sand storage depot is properly identified and demarcated with the consent of the concern land owners before issuing final lease document
4	PP to monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and piezometers shall be installed at all sand quarry sites. Monitoring of Groundwater Quality in the vicinity (one kilometre radius from the sand quarrying site) shall be carried out once in two months
5	PP to ensure that, suitable depots shall be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 10-15 Acres with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government land, foreshore area of tank bund etc. near an NH/SH/MDR/ODR. In the absence of any Government land in the vicinity, private land may be leased out and rent fixed as per the approved Government rates applicable there in
6	PP to identify the central 3/4 th part of river on map where there is a deposition of sand and remaining 1/4 th area needs to be kept as no mining zone for the protection of the bank

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Venue: Through Video Conferencing

7	PP to install permanent boundary pillars at the identified area of the aggradation and deposition outside the bank of the river at a safe location for future surveying. The distance between boundaries on each side of the bank shall not be more than 100 meters
8	PP to ensure that no mining activity is carried out below the depth as approved by the Competent Authority
9	PP to make sure that the Environmental Management Plan as presented shall be included in the lease agreement to be signed with the lease holder and ensure its implementation
10	PP to ensure that, the distance of mining activity area from the river bank shall be 1/4th of the river bed width and should not be less than 7.5 meters
11	PP to ensure that, sand shall not be extracted up to a distance of 1 km from bridges and highways on both sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 meters on the upstream and 500 meters on the downstream side
12	The District Collector shall define the transportation route from the mining lease considering the maximum production from the mines, size of mining lease, their location, the quantity of mineral that can be mined safely etc considering the movement of trucks/tippers/tractors for the villages having habitation shall be avoided.
13	<p>PP to ensure following additional measures are to be provided by the leaseholder to prevent any vehicle from transporting sand out of the lease area bypassing the IT enabled system,</p> <p>A. To provide one entry and exit point for vehicles. In case it is necessary to have more than one entry/exit all such points have check points all digital monitoring facilities as mentioned in the Enforcement and Monitoring Guidelines issued by MoEF&CC in January 2020. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to not make it possible for any vehicle to enter or exit without entry into the computerized system.</p> <p>B. All such point shall have 24x7 CCTV coverage, the footage of which shall be submitted to the District Collector by the lease holder at mutually agreed frequencies</p>
14	The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking
15	PP shall carry out sand mining by manual method only. No mechanical /electrical/power driven devices shall be used for sand mining purpose
16	PP to ensure no stream is diverted due to proposed sand mining activity

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Venue: Through Video Conferencing

17	PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise
18	PP to ensure that, no heavy vehicles like truck, dumper etc. should ply in the river bed.
19	PP to ensure that, there is no damage to any fauna and its nesting close to the sand mining if any
20	PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution
21	PP to provide movable bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB
22	PP to ensure that parking shall be done at designated place only and shall not be on Public roads or in the river bed
23	The sand transportation shall be carried out through the covered vehicles only and the vehicles carrying the mineral shall not be overloaded
24	PP to provide First Aid facility at the proposed mining site
25	The District Collector to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter
26	PP to ensure strict compliance of Enforcement & Monitoring Guidelines published by the MoEF&CC in January 2020
27	PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department
28	The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining activity passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP (C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 & 173/2018 be strictly followed

CONCLUSION:

Recommended

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

Proposal No. 13: SIA/MH/MIN/191903	Type: EC
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INTRODUCTION:

This has reference to your online application vide proposal No. 191903 submitted along with copies of documents seeking prior Environmental Clearance under the provisions of the EIA Notification, 2006. The proposed project activity is listed at Sr. No. 1 (a) Mining of Minerals under category B2 of the EIA Notification, 2006 amended from time to time and the proposal is appraised in the SEAC-1 committee.

PROJECT DETAILS:

Environmental Clearance for Runghati 2 sand spot over an extent of 3.75 ha. (3.0 ha. Mineable & 0.75 ha. Non-Mineable) at Tapi River Bed Gut. No. 21, 37 & 38 (Part), Runghati-2 Village, Amadner Taluka, Jalgaon, District Jalgaon by District Mining Officer, Jalgaon.

Details of earlier EC if any:

No

DELIBERATIONS IN SEAC:

After deliberations SEAC observed:-

DMO, Jalgaon was present during the meeting along with Accredited Environmental consultant M/s. Integrated Precision Systems and Services Pvt. Ltd.

The project details as submitted by the PP are as below,

Village Name	Sand Mining Quantity in brass	Name of River	Total area in Ha.	Mineable area dimensions Length x Breadth x Depth in meters	EMP Cost in Rs. Lakhs	Plantation along the approach road (number of trees)	Plantation along the river bank (number of trees)	Date of Public Hearing	Budget proposed for compliance of issues raised in Public Hearing in Rs. Lakhs
Runghati Part - 2	5300	Tapi	3.75	500 x 60 x 0.5	12.70	800	500	19.05.2021	4.75

The project proposal was discussed on the basis of documents presented by the PP and their accredited consultant.

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

DMO, Jalgoan informed that, there is not cluster formation in the proposed sand ghat area.

Further it is informed that the proposed site does not fall in any ESZ/ESA or polluted stretch of river.

RECOMMENDATIONS OF SEAC:

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

Sr. No.	Conditions
1	DMO to demarcate the proposed sand ghat with geo-referencing clearly providing adequate space for necessary infrastructure and facilities as presented in the layout
2	The District Collector shall ensure that, the final lease be granted only after ensuring the river bed is dry. No sand mining activity be carried out if there is water in the river bed
3	The District Collector shall ensure that, the approach road from the proposed sand ghat to the sand storage depot is properly identified and demarcated with the consent of the concern land owners before issuing final lease document
4	PP to monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and piezometers shall be installed at all sand quarry sites. Monitoring of Groundwater Quality in the vicinity (one kilometre radius from the sand quarrying site) shall be carried out once in two months
5	PP to ensure that, suitable depots shall be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 10-15 Acres with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government land, foreshore area of tank bund etc. near an NH/SH/MDR/ODR. In the absence of any Government land in the vicinity, private land may be leased out and rent fixed as per the approved Government rates applicable there in
6	PP to identify the central 3/4 th part of river on map where there is a deposition of sand and remaining 1/4 th area needs to be kept as no mining zone for the protection of the bank

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

7	PP to install permanent boundary pillars at the identified area of the aggradation and deposition outside the bank of the river at a safe location for future surveying. The distance between boundaries on each side of the bank shall not be more than 100 meters
8	PP to ensure that no mining activity is carried out below the depth as approved by the Competent Authority
9	PP to make sure that the Environmental Management Plan as presented shall be included in the lease agreement to be signed with the lease holder and ensure its implementation
10	PP to ensure that, the distance of mining activity area from the river bank shall be 1/4th of the river bed width and should not be less than 7.5 meters
11	PP to ensure that, sand shall not be extracted up to a distance of 1 km from bridges and highways on both sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 meters on the upstream and 500 meters on the downstream side
12	The District Collector shall define the transportation route from the mining lease considering the maximum production from the mines, size of mining lease, their location, the quantity of mineral that can be mined safely etc considering the movement of trucks/tippers/tractors for the villages having habitation shall be avoided.
13	<p>PP to ensure following additional measures are to be provided by the leaseholder to prevent any vehicle from transporting sand out of the lease area bypassing the IT enabled system,</p> <p>A. To provide one entry and exit point for vehicles. In case it is necessary to have more than one entry/exit all such points have check points all digital monitoring facilities as mentioned in the Enforcement and Monitoring Guidelines issued by MoEF&CC in January 2020. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to not make it possible for any vehicle to enter or exit without entry into the computerized system.</p> <p>B. All such point shall have 24x7 CCTV coverage, the footage of which shall be submitted to the District Collector by the lease holder at mutually agreed frequencies</p>
14	The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking
15	PP shall carry out sand mining by manual method only. No mechanical /electrical/power driven devices shall be used for sand mining purpose
16	PP to ensure no stream is diverted due to proposed sand mining activity

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

17	PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise
18	PP to ensure that, no heavy vehicles like truck, dumper etc. should ply in the river bed.
19	PP to ensure that, there is no damage to any fauna and its nesting close to the sand mining if any
20	PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution
21	PP to provide movable bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB
22	PP to ensure that parking shall be done at designated place only and shall not be on Public roads or in the river bed
23	The sand transportation shall be carried out through the covered vehicles only and the vehicles carrying the mineral shall not be overloaded
24	PP to provide First Aid facility at the proposed mining site
25	The District Collector to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter
26	PP to ensure strict compliance of Enforcement & Monitoring Guidelines published by the MoEF&CC in January 2020
27	PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department
28	The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining activity passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP (C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 & 173/2018 be strictly followed

CONCLUSION:

Recommended

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

Proposal No. 14: SIA/MH/MIN/192054	Type: EC
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INTRODUCTION:

This has reference to your online application vide proposal No. 192054 submitted along with copies of documents seeking prior Environmental Clearance under the provisions of the EIA Notification, 2006. The proposed project activity is listed at Sr. No. 1 (a) Mining of Minerals under category B2 of the EIA Notification, 2006 amended from time to time and the proposal is appraised in the SEAC-1 committee.

PROJECT DETAILS:

Environmental Clearance for Hingogeseem Part 1 sand spot over an extent of 4.37 HA (MINEABLE AREA-3.5 HA & NON-MINEABLE AREA-0.87 HA) At Tapi River Bed Gut No.6 & 7 Hingogeseem Part 1 Village, Tehsil-Amalner, District Jalgaon by District Mining Officer, Jalgaon.

Details of earlier EC if any:

No

DELIBERATIONS IN SEAC:

After deliberations SEAC observed:-

DMO, Jalgaon was present during the meeting along with Accredited Environmental consultant M/s. Integrated Precision Systems and Services Pvt. Ltd.

The project details as submitted by the PP are as below,

Village Name	Sand Mining Quantity in brass	Name of River	Total area in Ha.	Mineable area dimensions Length x Breadth x Depth in meters	EMP Cost in Rs. Lakhs	Plantation along the approach road (number of trees)	Plantation along the river bank (number of trees)	Date of Public Hearing	Budget proposed for compliance of issues raised in Public Hearing in Rs. Lakhs
Hingogeseem Part-1	6184	Tapi	4.37	500 x 70 x 0.5	12.59	800	500	19.05.2021	4.75

The project proposal was discussed on the basis of documents presented by the PP and their accredited consultant.

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

DMO, Jalgoan informed that, there is not cluster formation in the proposed sand ghat area.

Further it is informed that the proposed site does not fall in any ESZ/ESA or polluted stretch of river.

RECOMMENDATIONS OF SEAC:

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

Sr. No.	Conditions
1	DMO to demarcate the proposed sand ghat with geo-referencing clearly providing adequate space for necessary infrastructure and facilities as presented in the layout
2	The District Collector shall ensure that, the final lease be granted only after ensuring the river bed is dry. No sand mining activity be carried out if there is water in the river bed
3	The District Collector shall ensure that, the approach road from the proposed sand ghat to the sand storage depot is properly identified and demarcated with the consent of the concern land owners before issuing final lease document
4	PP to monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and piezometers shall be installed at all sand quarry sites. Monitoring of Groundwater Quality in the vicinity (one kilometre radius from the sand quarrying site) shall be carried out once in two months
5	PP to ensure that, suitable depots shall be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 10-15 Acres with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government land, foreshore area of tank bund etc. near an NH/SH/MDR/ODR. In the absence of any Government land in the vicinity, private land may be leased out and rent fixed as per the approved Government rates applicable there in
6	PP to identify the central 3/4 th part of river on map where there is a deposition of sand and remaining 1/4 th area needs to be kept as no mining zone for the protection of the bank

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

7	PP to install permanent boundary pillars at the identified area of the aggradation and deposition outside the bank of the river at a safe location for future surveying. The distance between boundaries on each side of the bank shall not be more than 100 meters
8	PP to ensure that no mining activity is carried out below the depth as approved by the Competent Authority
9	PP to make sure that the Environmental Management Plan as presented shall be included in the lease agreement to be signed with the lease holder and ensure its implementation
10	PP to ensure that, the distance of mining activity area from the river bank shall be 1/4 th of the river bed width and should not be less than 7.5 meters
11	PP to ensure that, sand shall not be extracted up to a distance of 1 km from bridges and highways on both sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 meters on the upstream and 500 meters on the downstream side
12	The District Collector shall define the transportation route from the mining lease considering the maximum production from the mines, size of mining lease, their location, the quantity of mineral that can be mined safely etc considering the movement of trucks/tippers/tractors for the villages having habitation shall be avoided.
13	PP to ensure following additional measures are to be provided by the leaseholder to prevent any vehicle from transporting sand out of the lease area bypassing the IT enabled system, A. To provide one entry and exit point for vehicles. In case it is necessary to have more than one entry/exit all such points have check points all digital monitoring facilities as mentioned in the Enforcement and Monitoring Guidelines issued by MoEF&CC in January 2020. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to not make it possible for any vehicle to enter or exit without entry into the computerized system. B. All such point shall have 24x7 CCTV coverage, the footage of which shall be submitted to the District Collector by the lease holder at mutually agreed frequencies
14	The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking
15	PP shall carry out sand mining by manual method only. No mechanical /electrical/power driven devices shall be used for sand mining purpose
16	PP to ensure no stream is diverted due to proposed sand mining activity

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

17	PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise
18	PP to ensure that, no heavy vehicles like truck, dumper etc. should ply in the river bed.
19	PP to ensure that, there is no damage to any fauna and its nesting close to the sand mining if any
20	PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution
21	PP to provide movable bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB
22	PP to ensure that parking shall be done at designated place only and shall not be on Public roads or in the river bed
23	The sand transportation shall be carried out through the covered vehicles only and the vehicles carrying the mineral shall not be overloaded
24	PP to provide First Aid facility at the proposed mining site
25	The District Collector to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter
26	PP to ensure strict compliance of Enforcement & Monitoring Guidelines published by the MoEF&CC in January 2020
27	PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department
28	The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining activity passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP (C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 & 173/2018 be strictly followed

CONCLUSION:

Recommended

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

Proposal No. 15: SIA/MH/MIN/202963	Type: EC
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INTRODUCTION:

This has reference to your online application vide proposal No. 202963 submitted along with copies of documents seeking prior Environmental Clearance under the provisions of the EIA Notification, 2006. The proposed project activity is listed at Sr. No. 1 (a) Mining of Minerals under category B2 of the EIA Notification, 2006 amended from time to time and the proposal is appraised in the SEAC-1 committee.

PROJECT DETAILS:

Environmental Clearance for Wadadhe Sand Spot over an extent of 1.5 HA (MINEABLE AREA-1.125HA & NON-MINEABLE AREA-0.375HA) At Girna River Bed Gut No.14/1/A Village Wadadhe, Tehsil-Bhadgaon ,District Jalgaon by District Mining Officer,Jalgaon.

Details of earlier EC if any:

No

DELIBERATIONS IN SEAC:

After deliberations SEAC observed:-

DMO, Jalgaon was present during the meeting along with Accredited Environmental consultant M/s. Integrated Precision Systems and Services Pvt. Ltd.

The project details as submitted by the PP are as below,

Village Name	Sand Mining Quantity in brass	Name of River	Total area in Ha.	Mineable area dimensions Length x Breadth x Depth in meters	EMP Cost in Rs. Lakhs	Plantation along the approach road (number of trees)	Plantation along the river bank (number of trees)	Date of Public Hearing	Budget proposed for compliance of issues raised in Public Hearing in Rs. Lakhs
Wadadhe	3578	Girna	1.50	300 x 37.5 x 0.9	8.50	233	300	19.05.2021	3.30

The project proposal was discussed on the basis of documents presented by the PP and their accredited consultant.

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

DMO, Jalgoan informed that, there is not cluster formation in the proposed sand ghat area.

Further it is informed that the proposed site does not fall in any ESZ/ESA or polluted stretch of river.

RECOMMENDATIONS OF SEAC:

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

Sr. No.	Conditions
1	DMO to demarcate the proposed sand ghat with geo-referencing clearly providing adequate space for necessary infrastructure and facilities as presented in the layout
2	The District Collector shall ensure that, the final lease be granted only after ensuring the river bed is dry. No sand mining activity be carried out if there is water in the river bed
3	The District Collector shall ensure that, the approach road from the proposed sand ghat to the sand storage depot is properly identified and demarcated with the consent of the concern land owners before issuing final lease document
4	PP to monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and piezometers shall be installed at all sand quarry sites. Monitoring of Groundwater Quality in the vicinity (one kilometre radius from the sand quarrying site) shall be carried out once in two months
5	PP to ensure that, suitable depots shall be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 10-15 Acres with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government land, foreshore area of tank bund etc. near an NH/SH/MDR/ODR. In the absence of any Government land in the vicinity, private land may be leased out and rent fixed as per the approved Government rates applicable there in
6	PP to identify the central 3/4 th part of river on map where there is a deposition of sand and remaining 1/4 th area needs to be kept as no mining zone for the protection of the bank

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

7	PP to install permanent boundary pillars at the identified area of the aggradation and deposition outside the bank of the river at a safe location for future surveying. The distance between boundaries on each side of the bank shall not be more than 100 meters
8	PP to ensure that no mining activity is carried out below the depth as approved by the Competent Authority
9	PP to make sure that the Environmental Management Plan as presented shall be included in the lease agreement to be signed with the lease holder and ensure its implementation
10	PP to ensure that, the distance of mining activity area from the river bank shall be 1/4 th of the river bed width and should not be less than 7.5 meters
11	PP to ensure that, sand shall not be extracted up to a distance of 1 km from bridges and highways on both sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 meters on the upstream and 500 meters on the downstream side
12	The District Collector shall define the transportation route from the mining lease considering the maximum production from the mines, size of mining lease, their location, the quantity of mineral that can be mined safely etc considering the movement of trucks/tippers/tractors for the villages having habitation shall be avoided.
13	PP to ensure following additional measures are to be provided by the leaseholder to prevent any vehicle from transporting sand out of the lease area bypassing the IT enabled system, A. To provide one entry and exit point for vehicles. In case it is necessary to have more than one entry/exit all such points have check points all digital monitoring facilities as mentioned in the Enforcement and Monitoring Guidelines issued by MoEF&CC in January 2020. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to not make it possible for any vehicle to enter or exit without entry into the computerized system. B. All such point shall have 24x7 CCTV coverage, the footage of which shall be submitted to the District Collector by the lease holder at mutually agreed frequencies
14	The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking
15	PP shall carry out sand mining by manual method only. No mechanical /electrical/power driven devices shall be used for sand mining purpose
16	PP to ensure no stream is diverted due to proposed sand mining activity

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

17	PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise
18	PP to ensure that, no heavy vehicles like truck, dumper etc. should ply in the river bed.
19	PP to ensure that, there is no damage to any fauna and its nesting close to the sand mining if any
20	PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution
21	PP to provide movable bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB
22	PP to ensure that parking shall be done at designated place only and shall not be on Public roads or in the river bed
23	The sand transportation shall be carried out through the covered vehicles only and the vehicles carrying the mineral shall not be overloaded
24	PP to provide First Aid facility at the proposed mining site
25	The District Collector to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter
26	PP to ensure strict compliance of Enforcement & Monitoring Guidelines published by the MoEF&CC in January 2020
27	PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department
28	The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining activity passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP (C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 & 173/2018 be strictly followed

CONCLUSION:

Recommended

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

Proposal No. 16: SIA/MH/MIN/201711	Type: EC
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INTRODUCTION:

This has reference to your online application vide proposal No. 201711 submitted along with copies of documents seeking prior Environmental Clearance under the provisions of the EIA Notification, 2006. The proposed project activity is listed at Sr. No. 1 (a) Mining of Minerals under category B2 of the EIA Notification, 2006 amended from time to time and the proposal is appraised in the SEAC-1 committee.

PROJECT DETAILS:

Environmental Clearance for Pimpri Sand Spot over an extent of 1.353 HA (MINEABLE AREA-1.01475 HA & NON-MINEABLE AREA-0.3383 HA) At Tapi River Bed Gut No.45, 46, 51 & 52 Pimpri Village, Tehsil-Chopda, District Jalgaon by District Mining Officer, Jalgaon.

Details of earlier EC if any:

No

DELIBERATIONS IN SEAC:

After deliberations SEAC observed:-

DMO, Jalgaon was present during the meeting along with Accredited Environmental consultant M/s. Integrated Precision Systems and Services Pvt. Ltd.

The project details as submitted by the PP are as below,

Village Name	Sand Mining Quantity in brass	Name of River	Total area in Ha.	Mineable area dimensions Length x Breadth x Depth in meters	EMP Cost in Rs. Lakhs	Plantation along the approach road (number of trees)	Plantation along the river bank (number of trees)	Date of Public Hearing	Budget proposed for compliance of issues raised in Public Hearing in Rs. Lakhs
Pimpri	1972	Tapi	1.35	330 x 30.75 x 0.55	13.48	1168	314	19.05.2021	3.30

The project proposal was discussed on the basis of documents presented by the PP and their accredited consultant.

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

DMO, Jalgoan informed that, there is not cluster formation in the proposed sand ghat area.

Further it is informed that the proposed site does not fall in any ESZ/ESA or polluted stretch of river.

RECOMMENDATIONS OF SEAC:

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

Sr. No.	Conditions
1	DMO to demarcate the proposed sand ghat with geo-referencing clearly providing adequate space for necessary infrastructure and facilities as presented in the layout
2	The District Collector shall ensure that, the final lease be granted only after ensuring the river bed is dry. No sand mining activity be carried out if there is water in the river bed
3	The District Collector shall ensure that, the approach road from the proposed sand ghat to the sand storage depot is properly identified and demarcated with the consent of the concern land owners before issuing final lease document
4	PP to monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and piezometers shall be installed at all sand quarry sites. Monitoring of Groundwater Quality in the vicinity (one kilometre radius from the sand quarrying site) shall be carried out once in two months
5	PP to ensure that, suitable depots shall be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 10-15 Acres with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government land, foreshore area of tank bund etc. near an NH/SH/MDR/ODR. In the absence of any Government land in the vicinity, private land may be leased out and rent fixed as per the approved Government rates applicable there in
6	PP to identify the central 3/4 th part of river on map where there is a deposition of sand and remaining 1/4 th area needs to be kept as no mining zone for the protection of the bank

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

7	PP to install permanent boundary pillars at the identified area of the aggradation and deposition outside the bank of the river at a safe location for future surveying. The distance between boundaries on each side of the bank shall not be more than 100 meters
8	PP to ensure that no mining activity is carried out below the depth as approved by the Competent Authority
9	PP to make sure that the Environmental Management Plan as presented shall be included in the lease agreement to be signed with the lease holder and ensure its implementation
10	PP to ensure that, the distance of mining activity area from the river bank shall be 1/4th of the river bed width and should not be less than 7.5 meters
11	PP to ensure that, sand shall not be extracted up to a distance of 1 km from bridges and highways on both sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 meters on the upstream and 500 meters on the downstream side
12	The District Collector shall define the transportation route from the mining lease considering the maximum production from the mines, size of mining lease, their location, the quantity of mineral that can be mined safely etc considering the movement of trucks/tippers/tractors for the villages having habitation shall be avoided.
13	<p>PP to ensure following additional measures are to be provided by the leaseholder to prevent any vehicle from transporting sand out of the lease area bypassing the IT enabled system,</p> <p>A. To provide one entry and exit point for vehicles. In case it is necessary to have more than one entry/exit all such points have check points all digital monitoring facilities as mentioned in the Enforcement and Monitoring Guidelines issued by MoEF&CC in January 2020. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to not make it possible for any vehicle to enter or exit without entry into the computerized system.</p> <p>B. All such point shall have 24x7 CCTV coverage, the footage of which shall be submitted to the District Collector by the lease holder at mutually agreed frequencies</p>
14	The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking
15	PP shall carry out sand mining by manual method only. No mechanical /electrical/power driven devices shall be used for sand mining purpose
16	PP to ensure no stream is diverted due to proposed sand mining activity

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17	PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise
18	PP to ensure that, no heavy vehicles like truck, dumper etc. should ply in the river bed.
19	PP to ensure that, there is no damage to any fauna and its nesting close to the sand mining if any
20	PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution
21	PP to provide movable bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB
22	PP to ensure that parking shall be done at designated place only and shall not be on Public roads or in the river bed
23	The sand transportation shall be carried out through the covered vehicles only and the vehicles carrying the mineral shall not be overloaded
24	PP to provide First Aid facility at the proposed mining site
25	The District Collector to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter
26	PP to ensure strict compliance of Enforcement & Monitoring Guidelines published by the MoEF&CC in January 2020
27	PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department
28	The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining activity passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP (C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 & 173/2018 be strictly followed

CONCLUSION:

Recommended

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

Proposal No. 17: SIA/MH/MIN/195290	Type: EC
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INTRODUCTION:

This has reference to your online application vide proposal No. 195290 submitted along with copies of documents seeking prior Environmental Clearance under the provisions of the EIA Notification, 2006. The proposed project activity is listed at Sr. No. 1 (a) Mining of Minerals under category B2 of the EIA Notification, 2006 amended from time to time and the proposal is appraised in the SEAC-1 committee.

PROJECT DETAILS:

Environmental Clearance for Belvay (Part 1) Sand Spot over an extent of 1.3604 HA (MINEABLE AREA-1.0203 HA & NON-MINEABLE AREA-0.3401 HA) At Waghur River Bed Gut No.175 Belvay Village, Tehsil-Bhusaval, District Jalgaon by District Mining Officer, Jalgaon.

Details of earlier EC if any:

No

DELIBERATIONS IN SEAC:

After deliberations SEAC observed:-

DMO, Jalgaon was present during the meeting along with Accredited Environmental consultant M/s. Integrated Precision Systems and Services Pvt. Ltd.

The project details as submitted by the PP are as below,

Village Name	Sand Mining Quantity in brass	Name of River	Total area in Ha.	Mineable area dimensions Length x Breadth x Depth in meters	EMP Cost in Rs. Lakhs	Plantation along the approach road (number of trees)	Plantation along the river bank (number of trees)	Date of Public Hearing	Budget proposed for compliance of issues raised in Public Hearing in Rs. Lakhs
Belvay Part-1	1622	Waghur	1.36	299 x 34.12 x 0.45	12.26	1100	300	19.05.2021	3.30

The project proposal was discussed on the basis of documents presented by the PP and their accredited consultant.

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Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

DMO, Jalgoan informed that, there is not cluster formation in the proposed sand ghat area.

Further it is informed that the proposed site does not fall in any ESZ/ESA or polluted stretch of river.

RECOMMENDATIONS OF SEAC:

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

Sr. No.	Conditions
1	DMO to demarcate the proposed sand ghat with geo-referencing clearly providing adequate space for necessary infrastructure and facilities as presented in the layout
2	The District Collector shall ensure that, the final lease be granted only after ensuring the river bed is dry. No sand mining activity be carried out if there is water in the river bed
3	The District Collector shall ensure that, the approach road from the proposed sand ghat to the sand storage depot is properly identified and demarcated with the consent of the concern land owners before issuing final lease document
4	PP to monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and piezometers shall be installed at all sand quarry sites. Monitoring of Groundwater Quality in the vicinity (one kilometre radius from the sand quarrying site) shall be carried out once in two months
5	PP to ensure that, suitable depots shall be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 10-15 Acres with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government land, foreshore area of tank bund etc. near an NH/SH/MDR/ODR. In the absence of any Government land in the vicinity, private land may be leased out and rent fixed as per the approved Government rates applicable there in
6	PP to identify the central 3/4 th part of river on map where there is a deposition of sand and remaining 1/4 th area needs to be kept as no mining zone for the protection of the bank

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7	PP to install permanent boundary pillars at the identified area of the aggradation and deposition outside the bank of the river at a safe location for future surveying. The distance between boundaries on each side of the bank shall not be more than 100 meters
8	PP to ensure that no mining activity is carried out below the depth as approved by the Competent Authority
9	PP to make sure that the Environmental Management Plan as presented shall be included in the lease agreement to be signed with the lease holder and ensure its implementation
10	PP to ensure that, the distance of mining activity area from the river bank shall be 1/4th of the river bed width and should not be less than 7.5 meters
11	PP to ensure that, sand shall not be extracted up to a distance of 1 km from bridges and highways on both sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 meters on the upstream and 500 meters on the downstream side
12	The District Collector shall define the transportation route from the mining lease considering the maximum production from the mines, size of mining lease, their location, the quantity of mineral that can be mined safely etc considering the movement of trucks/tippers/tractors for the villages having habitation shall be avoided.
13	PP to ensure following additional measures are to be provided by the leaseholder to prevent any vehicle from transporting sand out of the lease area bypassing the IT enabled system, A. To provide one entry and exit point for vehicles. In case it is necessary to have more than one entry/exit all such points have check points all digital monitoring facilities as mentioned in the Enforcement and Monitoring Guidelines issued by MoEF&CC in January 2020. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to not make it possible for any vehicle to enter or exit without entry into the computerized system. B. All such point shall have 24x7 CCTV coverage, the footage of which shall be submitted to the District Collector by the lease holder at mutually agreed frequencies
14	The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking
15	PP shall carry out sand mining by manual method only. No mechanical /electrical/power driven devices shall be used for sand mining purpose
16	PP to ensure no stream is diverted due to proposed sand mining activity

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Venue: Through Video Conferencing

17	PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise
18	PP to ensure that, no heavy vehicles like truck, dumper etc. should ply in the river bed.
19	PP to ensure that, there is no damage to any fauna and its nesting close to the sand mining if any
20	PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution
21	PP to provide movable bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB
22	PP to ensure that parking shall be done at designated place only and shall not be on Public roads or in the river bed
23	The sand transportation shall be carried out through the covered vehicles only and the vehicles carrying the mineral shall not be overloaded
24	PP to provide First Aid facility at the proposed mining site
25	The District Collector to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter
26	PP to ensure strict compliance of Enforcement & Monitoring Guidelines published by the MoEF&CC in January 2020
27	PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department
28	The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining activity passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP (C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 & 173/2018 be strictly followed

CONCLUSION:

Recommended

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

Proposal No. 18: SIA/MH/MIN/202629	Type: EC
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INTRODUCTION:

This has reference to your online application vide proposal No. 202629 submitted along with copies of documents seeking prior Environmental Clearance under the provisions of the EIA Notification, 2006. The proposed project activity is listed at Sr. No. 1 (a) Mining of Minerals under category B2 of the EIA Notification, 2006 amended from time to time and the proposal is appraised in the SEAC-1 committee.

PROJECT DETAILS:

Environmental Clearance for Kolambe Sand Spot over an extent of 1.03 HA (MINEABLE AREA-0.7725 HA & NON-MINEABLE AREA-0.2575 HA) At Tapi River Bed Gut No. 33,32,31,30,20 Kolambe Village, Tehsil-Chopda, District Jalgaon by District Mining Officer, Jalgaon.

Details of earlier EC if any:

No

DELIBERATIONS IN SEAC:

After deliberations SEAC observed:-

DMO, Jalgaon was present during the meeting along with Accredited Environmental consultant M/s. Integrated Precision Systems and Services Pvt. Ltd.

The project details as submitted by the PP are as below,

Village Name	Sand Mining Quantity in brass	Name of River	Total area in Ha.	Mineable area dimensions Length x Breadth x Depth in meters	EMP Cost in Rs. Lakhs	Plantation along the approach road (number of trees)	Plantation along the river bank (number of trees)	Date of Public Hearing	Budget proposed for compliance of issues raised in Public Hearing in Rs. Lakhs
Kolambe	1529	Tapi	1.03	206 x 37.50 x 0.56	9.33	528	206	19.05.2021	3.30

The project proposal was discussed on the basis of documents presented by the PP and their accredited consultant.

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Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

DMO, Jalgoan informed that, there is not cluster formation in the proposed sand ghat area.

Further it is informed that the proposed site does not fall in any ESZ/ESA or polluted stretch of river.

RECOMMENDATIONS OF SEAC:

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

Sr. No.	Conditions
1	DMO to demarcate the proposed sand ghat with geo-referencing clearly providing adequate space for necessary infrastructure and facilities as presented in the layout
2	The District Collector shall ensure that, the final lease be granted only after ensuring the river bed is dry. No sand mining activity be carried out if there is water in the river bed
3	The District Collector shall ensure that, the approach road from the proposed sand ghat to the sand storage depot is properly identified and demarcated with the consent of the concern land owners before issuing final lease document
4	PP to monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and piezometers shall be installed at all sand quarry sites. Monitoring of Groundwater Quality in the vicinity (one kilometre radius from the sand quarrying site) shall be carried out once in two months
5	PP to ensure that, suitable depots shall be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 10-15 Acres with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government land, foreshore area of tank bund etc. near an NH/SH/MDR/ODR. In the absence of any Government land in the vicinity, private land may be leased out and rent fixed as per the approved Government rates applicable there in
6	PP to identify the central 3/4 th part of river on map where there is a deposition of sand and remaining 1/4 th area needs to be kept as no mining zone for the protection of the bank

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Venue: Through Video Conferencing

7	PP to install permanent boundary pillars at the identified area of the aggradation and deposition outside the bank of the river at a safe location for future surveying. The distance between boundaries on each side of the bank shall not be more than 100 meters
8	PP to ensure that no mining activity is carried out below the depth as approved by the Competent Authority
9	PP to make sure that the Environmental Management Plan as presented shall be included in the lease agreement to be signed with the lease holder and ensure its implementation
10	PP to ensure that, the distance of mining activity area from the river bank shall be 1/4 th of the river bed width and should not be less than 7.5 meters
11	PP to ensure that, sand shall not be extracted up to a distance of 1 km from bridges and highways on both sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 meters on the upstream and 500 meters on the downstream side
12	The District Collector shall define the transportation route from the mining lease considering the maximum production from the mines, size of mining lease, their location, the quantity of mineral that can be mined safely etc considering the movement of trucks/tippers/tractors for the villages having habitation shall be avoided.
13	PP to ensure following additional measures are to be provided by the leaseholder to prevent any vehicle from transporting sand out of the lease area bypassing the IT enabled system, A. To provide one entry and exit point for vehicles. In case it is necessary to have more than one entry/exit all such points have check points all digital monitoring facilities as mentioned in the Enforcement and Monitoring Guidelines issued by MoEF&CC in January 2020. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to not make it possible for any vehicle to enter or exit without entry into the computerized system. B. All such point shall have 24x7 CCTV coverage, the footage of which shall be submitted to the District Collector by the lease holder at mutually agreed frequencies
14	The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking
15	PP shall carry out sand mining by manual method only. No mechanical /electrical/power driven devices shall be used for sand mining purpose
16	PP to ensure no stream is diverted due to proposed sand mining activity

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Venue: Through Video Conferencing

17	PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise
18	PP to ensure that, no heavy vehicles like truck, dumper etc. should ply in the river bed.
19	PP to ensure that, there is no damage to any fauna and its nesting close to the sand mining if any
20	PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution
21	PP to provide movable bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB
22	PP to ensure that parking shall be done at designated place only and shall not be on Public roads or in the river bed
23	The sand transportation shall be carried out through the covered vehicles only and the vehicles carrying the mineral shall not be overloaded
24	PP to provide First Aid facility at the proposed mining site
25	The District Collector to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter
26	PP to ensure strict compliance of Enforcement & Monitoring Guidelines published by the MoEF&CC in January 2020
27	PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department
28	The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining activity passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP (C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 & 173/2018 be strictly followed

CONCLUSION:

Recommended

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

Proposal No. 19: SIA/MH/MIN/202610	Type: EC
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INTRODUCTION:

This has reference to your online application vide proposal No. 202610 submitted along with copies of documents seeking prior Environmental Clearance under the provisions of the EIA Notification, 2006. The proposed project activity is listed at Sr. No. 1 (a) Mining of Minerals under category B2 of the EIA Notification, 2006 amended from time to time and the proposal is appraised in the SEAC-1 committee.

PROJECT DETAILS:

Environmental Clearance for Bhokari Sand Spot over an extent of 2.98 HA (MINEABLE AREA- 2.235HA & NON-MINEABLE AREA-0.745 HA) At Tapi River Bed Gut No.15, 16, 17 & 18 Bhokari Village, Tehsil-Muktainagar, District Jalgaon by District Mining Officer, Jalgaon.

Details of earlier EC if any:

No

DELIBERATIONS IN SEAC:

After deliberations SEAC observed:-

DMO, Jalgaon was present during the meeting along with Accredited Environmental consultant M/s. Integrated Precision Systems and Services Pvt. Ltd.

The project details as submitted by the PP are as below,

Village Name	Sand Mining Quantity in brass	Name of River	Total area in Ha.	Mineable area dimensions Length x Breadth x Depth in meters	EMP Cost in Rs. Lakhs	Plantation along the approach road (number of trees)	Plantation along the river bank (number of trees)	Date of Public Hearing	Budget proposed for compliance of issues raised in Public Hearing in Rs. Lakhs
Bhokari	7902	Tapi	2.98	267 x 83.75 x 1	10.43	723	267	19.05.2021	4.50

The project proposal was discussed on the basis of documents presented by the PP and their accredited consultant.

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Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

DMO, Jalgoan informed that, there is not cluster formation in the proposed sand ghat area.

Further it is informed that the proposed site does not fall in any ESZ/ESA or polluted stretch of river.

RECOMMENDATIONS OF SEAC:

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

Sr. No.	Conditions
1	DMO to demarcate the proposed sand ghat with geo-referencing clearly providing adequate space for necessary infrastructure and facilities as presented in the layout
2	The District Collector shall ensure that, the final lease be granted only after ensuring the river bed is dry. No sand mining activity be carried out if there is water in the river bed
3	The District Collector shall ensure that, the approach road from the proposed sand ghat to the sand storage depot is properly identified and demarcated with the consent of the concern land owners before issuing final lease document
4	PP to monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and piezometers shall be installed at all sand quarry sites. Monitoring of Groundwater Quality in the vicinity (one kilometre radius from the sand quarrying site) shall be carried out once in two months
5	PP to ensure that, suitable depots shall be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 10-15 Acres with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government land, foreshore area of tank bund etc. near an NH/SH/MDR/ODR. In the absence of any Government land in the vicinity, private land may be leased out and rent fixed as per the approved Government rates applicable there in
6	PP to identify the central 3/4 th part of river on map where there is a deposition of sand and remaining 1/4 th area needs to be kept as no mining zone for the protection of the bank

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Venue: Through Video Conferencing

7	PP to install permanent boundary pillars at the identified area of the aggradation and deposition outside the bank of the river at a safe location for future surveying. The distance between boundaries on each side of the bank shall not be more than 100 meters
8	PP to ensure that no mining activity is carried out below the depth as approved by the Competent Authority
9	PP to make sure that the Environmental Management Plan as presented shall be included in the lease agreement to be signed with the lease holder and ensure its implementation
10	PP to ensure that, the distance of mining activity area from the river bank shall be 1/4th of the river bed width and should not be less than 7.5 meters
11	PP to ensure that, sand shall not be extracted up to a distance of 1 km from bridges and highways on both sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 meters on the upstream and 500 meters on the downstream side
12	The District Collector shall define the transportation route from the mining lease considering the maximum production from the mines, size of mining lease, their location, the quantity of mineral that can be mined safely etc considering the movement of trucks/tippers/tractors for the villages having habitation shall be avoided.
13	PP to ensure following additional measures are to be provided by the leaseholder to prevent any vehicle from transporting sand out of the lease area bypassing the IT enabled system, A. To provide one entry and exit point for vehicles. In case it is necessary to have more than one entry/exit all such points have check points all digital monitoring facilities as mentioned in the Enforcement and Monitoring Guidelines issued by MoEF&CC in January 2020. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to not make it possible for any vehicle to enter or exit without entry into the computerized system. B. All such point shall have 24x7 CCTV coverage, the footage of which shall be submitted to the District Collector by the lease holder at mutually agreed frequencies
14	The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking
15	PP shall carry out sand mining by manual method only. No mechanical /electrical/power driven devices shall be used for sand mining purpose
16	PP to ensure no stream is diverted due to proposed sand mining activity

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Venue: Through Video Conferencing

17	PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise
18	PP to ensure that, no heavy vehicles like truck, dumper etc. should ply in the river bed.
19	PP to ensure that, there is no damage to any fauna and its nesting close to the sand mining if any
20	PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution
21	PP to provide movable bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB
22	PP to ensure that parking shall be done at designated place only and shall not be on Public roads or in the river bed
23	The sand transportation shall be carried out through the covered vehicles only and the vehicles carrying the mineral shall not be overloaded
24	PP to provide First Aid facility at the proposed mining site
25	The District Collector to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter
26	PP to ensure strict compliance of Enforcement & Monitoring Guidelines published by the MoEF&CC in January 2020
27	PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department
28	The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining activity passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP (C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 & 173/2018 be strictly followed

CONCLUSION:

Recommended

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Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

Proposal No. 20: SIA/MH/MIN/202695	Type: EC
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INTRODUCTION:

This has reference to your online application vide proposal No. 202695 submitted along with copies of documents seeking prior Environmental Clearance under the provisions of the EIA Notification, 2006. The proposed project activity is listed at Sr. No. 1 (a) Mining of Minerals under category B2 of the EIA Notification, 2006 amended from time to time and the proposal is appraised in the SEAC-1 committee.

PROJECT DETAILS:

Environmental Clearance for Pardhade Sand Spot over an extent of 1.06 HA (MINEABLE AREA-0.795HA & NON-MINEABLE AREA-0.265HA) At Girna River Bed Gut No.23 Pardhade Village, Tehsil-Pachora, District Jalgaon by District Mining Officer,Jalgaon.

Details of earlier EC if any:

No

DELIBERATIONS IN SEAC:

After deliberations SEAC observed:-

DMO, Jalgaon was present during the meeting along with Accredited Environmental consultant M/s. Integrated Precision Systems and Services Pvt. Ltd.

The project details as submitted by the PP are as below,

Village Name	Sand Mining Quantity in brass	Name of River	Total area in Ha.	Mineable area dimensions Length x Breadth x Depth in meters	EMP Cost in Rs. Lakhs	Plantation along the approach road (number of trees)	Plantation along the river bank (number of trees)	Date of Public Hearing	Budget proposed for compliance of issues raised in Public Hearing in Rs. Lakhs
Pardhade	1823	Girna	1.06	108 x 73.50 x 0.65	6.77	103	108	19.05.2021	3.30

The project proposal was discussed on the basis of documents presented by the PP and their accredited consultant.

Minutes of 206th meeting of SEAC-1 (Day-1)

Date: 27th to 28th September, 2021

Venue: Through Video Conferencing

DMO, Jalgoan informed that, there is not cluster formation in the proposed sand ghat area.

Further it is informed that the proposed site does not fall in any ESZ/ESA or polluted stretch of river.

RECOMMENDATIONS OF SEAC:

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

Sr. No.	Conditions
1	DMO to demarcate the proposed sand ghat with geo-referencing clearly providing adequate space for necessary infrastructure and facilities as presented in the layout
2	The District Collector shall ensure that, the final lease be granted only after ensuring the river bed is dry. No sand mining activity be carried out if there is water in the river bed
3	The District Collector shall ensure that, the approach road from the proposed sand ghat to the sand storage depot is properly identified and demarcated with the consent of the concern land owners before issuing final lease document
4	PP to monitor the groundwater level during sand quarrying operations, a network of existing wells may be established around the sand quarrying area and piezometers shall be installed at all sand quarry sites. Monitoring of Groundwater Quality in the vicinity (one kilometre radius from the sand quarrying site) shall be carried out once in two months
5	PP to ensure that, suitable depots shall be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 10-15 Acres with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government land, foreshore area of tank bund etc. near an NH/SH/MDR/ODR. In the absence of any Government land in the vicinity, private land may be leased out and rent fixed as per the approved Government rates applicable there in
6	PP to identify the central 3/4 th part of river on map where there is a deposition of sand and remaining 1/4 th area needs to be kept as no mining zone for the protection of the bank

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7	PP to install permanent boundary pillars at the identified area of the aggradation and deposition outside the bank of the river at a safe location for future surveying. The distance between boundaries on each side of the bank shall not be more than 100 meters
8	PP to ensure that no mining activity is carried out below the depth as approved by the Competent Authority
9	PP to make sure that the Environmental Management Plan as presented shall be included in the lease agreement to be signed with the lease holder and ensure its implementation
10	PP to ensure that, the distance of mining activity area from the river bank shall be 1/4 th of the river bed width and should not be less than 7.5 meters
11	PP to ensure that, sand shall not be extracted up to a distance of 1 km from bridges and highways on both sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 meters on the upstream and 500 meters on the downstream side
12	The District Collector shall define the transportation route from the mining lease considering the maximum production from the mines, size of mining lease, their location, the quantity of mineral that can be mined safely etc considering the movement of trucks/tippers/tractors for the villages having habitation shall be avoided.
13	<p>PP to ensure following additional measures are to be provided by the leaseholder to prevent any vehicle from transporting sand out of the lease area bypassing the IT enabled system,</p> <p>A. To provide one entry and exit point for vehicles. In case it is necessary to have more than one entry/exit all such points have check points all digital monitoring facilities as mentioned in the Enforcement and Monitoring Guidelines issued by MoEF&CC in January 2020. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to not make it possible for any vehicle to enter or exit without entry into the computerized system.</p> <p>B. All such point shall have 24x7 CCTV coverage, the footage of which shall be submitted to the District Collector by the lease holder at mutually agreed frequencies</p>
14	The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking
15	PP shall carry out sand mining by manual method only. No mechanical /electrical/power driven devices shall be used for sand mining purpose
16	PP to ensure no stream is diverted due to proposed sand mining activity

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17	PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise
18	PP to ensure that, no heavy vehicles like truck, dumper etc. should ply in the river bed.
19	PP to ensure that, there is no damage to any fauna and its nesting close to the sand mining if any
20	PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution
21	PP to provide movable bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB
22	PP to ensure that parking shall be done at designated place only and shall not be on Public roads or in the river bed
23	The sand transportation shall be carried out through the covered vehicles only and the vehicles carrying the mineral shall not be overloaded
24	PP to provide First Aid facility at the proposed mining site
25	The District Collector to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter
26	PP to ensure strict compliance of Enforcement & Monitoring Guidelines published by the MoEF&CC in January 2020
27	PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department
28	The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining activity passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP (C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 & 173/2018 be strictly followed

CONCLUSION:

Recommended

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Appendix – I

General EC conditions:-

- i. CER commitments, Green Belt Development, stormwater drainage construction and Rain water Harvesting activities should be completed before commissioning of the proposed unit.
- ii. PESO approval should be obtained before starting construction.

Statutory Compliance:-

- i. If applicable, the project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- ii. If applicable, the project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. If applicable, the project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area)
- iv. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
- v. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- vi. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989

Air quality monitoring and preservation:-

- i. The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions)

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within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous)

- ii. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- iii. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.
- iv. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
- v. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
- vi. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.

Water quality monitoring and preservation:-

- i. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
- ii. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
- iii. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
- iv. Industrial/trade effluent shall be segregated into High COD/TDS and Low COD/TDS effluent streams. High TDS/COD shall be passed through stripper followed by MEE and ATFD (agitated thin film drier) or equivalent dryer mechanism. Low TDS effluent stream shall be treated in ETP / CPU etc.
- v. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.

Noise monitoring and prevention:-

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- i. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
- ii. The overall noise levels in and around the plant area shall be kept well within the standard by providing adequate noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the Standard prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 DBA (Day Time) and 70 dBA (Night Time).

Energy Conservation measures

- i. The energy sources for lighting purposes shall preferably be LED based

Waste management:-

- i. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
- ii. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
- iii. The company shall undertake waste minimization measures as below:-
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - c. Use of automated filling to minimize spillage.
 - d. Use of Close Feed system into batch reactors.
 - e. Venting equipment through vapour recovery system.
 - f. Use of high pressure hoses for equipment clearing to reduce wastewater generation

Safety, Public hearing and Human health issues:-

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iii. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.

Corporate Environment Responsibility:-

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- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22- 65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and /or shareholders / stakeholders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- v. If applicable, provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained asper the Factories Act.
- vii. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places

Miscellaneous:-

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and

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- Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
 - iv. The project proponent shall monitor the criteria pollutants level namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
 - v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
 - vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
 - vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
 - viii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
 - ix. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
 - x. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
 - xi. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 - xii. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
 - xiii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
 - xiv. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the

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- requisite data / information/monitoring reports.
- xv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.