#### Minutes of 544<sup>th</sup> SEAC Meeting Dated 04/06/2021

The 544<sup>th</sup> meeting of SEAC was held through video conferencing in view of the Corona Virus Disease (Covid-19) on 04/06/2021. Following members participated in the online meeting:

1.	Dr. Sarita Sinha,	Chairperson
2.	Dr. Virendra Misra,	Member
3.	Dr. Pramod Kumar Mishra,	Member
4.	Dr. Ranjeet Kumar Dalela,	Member
5.	Dr. Ajoy Kumar Mandal,	Member
6.	Mr. Meraj Uddin,	Member
7.	Shri Rajive Kumar,	Member

The Chairman welcomed the members to the 544<sup>th</sup> SEAC meeting which was conducted online. The SEAC unanimously took following decisions on the agenda points discussed:

#### 1. <u>Manufacturing of Synthetic Organic Chemicals (API/Bulk Drugs/ Pharmaceutical Products) at</u> <u>Plot No.-G-3,G-4,H-41,H-42,H-43,H-44, UPSIDC Industrial Estate Jamour, Shahjahanpur.,</u> <u>Smt. Poonam Vaish, M/s Organo Chem (India). File No. 6244/Proposal No.</u> <u>SIA/UP/MIS/204939/2021</u>

A presentation was made by project proponent along with their consultant M/s Paramarsh (Servicing Environment & Development). The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1. The Environment clearance is sought for Manufacturing of Synthetic Organic Chemicals (API/Bulk Drugs/ Pharmaceutical Products) at Plot No.-G-3,G-4,H-41,H-42,H-43,H-44, UPSIDC Industrial Estate Jamour, Shahjahanpur., M/s Organo Chem (India).
- 2. Final EIA report submitted by the project proponent on 22/03/2021.
- 3. Salient features of the project:

-	Sumene reactives of the project.		
Sr.	Attributes	Details of project	
No.			
1	Product	Product : Manufacturing of Synthetic Organic Chemicals (API/Bulk	
		Drugs/ Pharmaceutical Products)	
2	Total project area	13,600 sqm (1.36 Ha)	
3	Total project cost	544.0 Lakhs	
4	No of working days	330 Days	
5	Fuel Requirement	Agro Briquettes: 15 MT/Day for Steam Boiler (3 & 5 TPH)	
		Diesel 80 Liter/Hr for D. G. Set (250 KVA)	
6	Water Requirement	Total fresh water; [ 30 KL (DM plant) + 2 KL (Domestic ) + 10 KL	
		(Gardening)] = 42 KL	
		Grand total of water requirement;	
		[ 42 KL total Fresh water + 25.5 KL (ETP/RO permeate water)]	
		= 67.5 KL	
7	Man Power Requirement	Total- 40 Nos	
8	Power Requirement	Total Connected Load : 500 KVA	
		DG Set Capacity: 1@250 KVA for power backup	

9	Source of water		Ground water			
12	Waste Water Generation	n	Industrial Waste	e Water : 38.6 KLD		
13	Domestic Water Requir	omestic Water Requirement Water requirement : 2.0 KLD				
			Domestic Waste Water : 1.6 KLD			
			Treatment: Waste water will be disposed through Septic and Soak pit.			
14	Source of Air Pollution	and fuel		ler : 15 MT/Day (Stear	n Boiler (3 & 5 TPH)	
				Type and Quantity of fuel :		
				Agro Briquettes - 15 MT/Day		
			Diesel: 80 Liter			
15	Air Pollution Control E	quipment			ll be provided with Wet Srubber	
				M emissions below	permissible limits (i.e. < 800	
			mg/Nm3).	0		
16			Stack height : 3	0 meters		
16	ETP Capacity		30 KLD			
4.	Land use details:					
Sr. No.	1				Land Area (m2)	
1	Security Cabin				45	
2	Administrative Office / Labo		oratory / OHC		245	
3	Process Plant				1600	
4	Raw Materials Storage Area				300	
5	Finished Product Storage An		rea		300	
6	Solvent Storage				365	
7	Spent Solvent St				100	
8	Solid/Hazardous	Waste Stor	age Area		80	
9	Utility Area				255	
10	Elec. Panel, DG				70	
11	Wastewater Man	agement (E	(TP) Area		280	
12	Distillation Unit				325	
13	Haz. chemical st	<u> </u>			400	
14	Open Area/Road		4745			
15	Green Belt Area	(33%)			4490	
	Total				13600	
5.	1			D 1		
Sr.	Purpose Water		Consumption	Remarks		
No.			(KL/Day)			
A.	Domestic 2			Fresh water		
В.	Industrial	15.5		*DM	16.6.121	
	Process	15.5		*DM water - 15.5 KL		
	Boiler 15			*DM water	- 3 KL	

D.	muusutat		
	Process	15.5	*DM water - 15.5 KL
	Boiler	15	*DM water - 3 KL
		(3* + 12#)	#RO permeate water- 12 KL
	Cooling	15.5	*DM water - 2 KL
		(2* + 13.5#)	#RO permeate water- 13.5 KL
	Scrubber	1	*DM water- 1 KL
	Washing	1	*DM water- 1 KL
	Sub-total; (B)	48	*DM water - 22.5 KL
		(22.5* + 25.5#)	#RO permeate water- 25.5 KL
C.	Gardening	10	Fresh water
TOTA	L (A+B+C)	60	Thus, total fresh water; 30 KL (DM plant) + 2 KL
			(Domestic) + 10 KL (Gardening)] = 42 KL
			and the grand total of water requirement; [ 42 KL
			total Fresh water + 25.5 KL (ETP/RO permeate
			water)]
			= 67.5 KL
* 30 K	L water will be sent to	DM plant, out of which	22.5 KL, DM treated water will be used and 7.5

KL, DM reject will be sent to ETP/RO and #25.5 KL, ETP/RO permeate water

6. The project proposal falls under category 5 (f) of EIA Notification, 2006 (as amended).

#### **RESOLUTION AGAINST AGENDA NO-01**

## The committee discussed the matter and recommended grant of environmental clearance on the proposal as above alongwith following conditions:

- 1. Installation of separate ETP for the disposal of liquid/leakage.
- 2. Explore the possibilities of use of various by-products.
- 3. Explore the possibilities of methodology for formaldehyde formation by use of copper as catalyst and methane as raw material.
- 4. Development of spectrophotometric method for detection of formaldehyde in air and HPLC method for detection of formaldehyde in water.
- 5. Storage conditions for formaldehyde after manufacturing.
- 6. Disaster management in case of spillage of formaldehyde.
- 7. Statutory compliance:
  - i. The project proponent should obtain necessary permission from Drug Controller, Govt. of India, within time frame.
  - ii. 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.
  - iii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
  - iv. 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 species in the study area).
  - v. 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.
  - vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
  - vii. 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.
- 8. Air quality monitoring and preservation:
  - i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
  - ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.
  - iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g.  $PM_{10}$  and  $PM_{2.5}$  in reference to PM emission, and SO<sub>2</sub> and NOx in reference to SO<sub>2</sub> and NOx emissions) 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.
  - iv. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and /or the NAAQS. 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. Storage of raw materials, coal etc, shall be either stored in silos or in covered areas to prevent

dust pollution and other fugitive emissions.

- vi. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
- vii. 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.
- 9. Water quality monitoring and preservation:
  - i. The project proponent shall provide 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 (applicable in case of the projects achieving ZLD)
  - ii. As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).
  - iii. 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.
  - iv. 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.
  - v. 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.
  - vi. 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.
  - vii. 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.
- 10. Noise monitoring and prevention:
  - 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 standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
  - iii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- 11. Energy Conservation measures:
  - i. The energy sources for lighting purposes shall preferably be LED based.
- 12. 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
- 13. Green Belt:
  - i. The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.
- 14. 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 unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
- iii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iv. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Preemployment 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.
- v. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche 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 as per 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.
- 15. Corporate Environment Responsibility:
  - 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 / stake holders. 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. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- 16. Miscellaneous:
  - i. Environment Clearance subjected to condition of necessary permission from Drug Controller and Department of Industry.
  - ii. Monitoring of dioxin and furon from biomass fueled boiler should be done.
  - iii. Agreement with TSDF vendors shall be submitted.
  - iv. 100% waste water is to be treated in ETP conforming to prescribed standards of receiving body for designated use.
  - v. 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.
  - vi. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and 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.
  - vii. 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.
  - viii. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NOx (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.

- ix. 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.
- x. 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.
- xi. 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.
- xii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- xiii. 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.
- xiv. 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).
- xv. 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.
- xvi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xvii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xviii. 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 requisite data / information/monitoring reports.
- xix. 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.
- xx. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

#### 2. <u>Expansion of Existing Products including addition of New API/ Bulk drugs/Pharmaceutical</u> <u>Products, at Plot No.-20/3, Site-IV, Industrial Area, Sahibabad, District-Ghaziabad., Shri Sumit</u> <u>Goel, M/s Para Products Pvt. Ltd. File No. 6252/Proposal No. SIA/UP/IND2/205972/2021</u>

A presentation was made by project proponent along with their consultant M/s Paramarsh (Servicing Environment & Development). The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1. The Environment clearance is sought for Expansion of Existing Products including addition of New API/ Bulk drugs/Pharmaceutical Products, at Plot No.-20/3, Site-IV, Industrial Area, Sahibabad, District-Ghaziabad., M/s Para Products Pvt. Ltd.
- 2. Final EIA report submitted by the project proponent on 25/03/2021.
- 3. Salient features of the project:

Sr.	Attributes	Details of project
	Autoules	Details of project
No.		
1	Proposed capacity of Plant	Product : API/ Bulk drugs/Pharmaceutical Products
2	Total project area	8590.3 sqm (0.8590 Ha)
3	Total project cost	820.0 Lakhs
4	No of working days	330 Days
5	Fuel Requirement	Agro Briquettes: 15 MT/Day for Steam Boiler 8 TPH [running under
		capacity]

		Diesel 80 Liter/Hr for D. G. Set	
6	Water Requirement	Total fresh water; [ 30 KL (DM plant) + 2 KL (Domestic ) + 10 KL	
	water requirement	[Gardening] = 42  KL	
		Grand total of water requirement;	
		[ 42 KL total Fresh water + 22.5 KL (ETP/RO permeate water)]	
		= 64.5  KL	
7	Man Power Requirement	Total- 35 Nos	
8	Power Requirement	Total Connected Load : Existing: Power load is 300 KVA and	
	L	Proposed: 600 KVA	
		DG Set Capacity: 1@250 KVA for power backup	
9	Source of water	Ground water	
12	Waste Water Generation	Industrial Waste Water : 33.9 KLD	
13	Domestic Water Requirement	Water requirement : 3.0 KLD	
		Domestic Waste Water : 2.4 KLD	
		Treatment: Waste water will be disposed through Septic and Soak	
		pit.	
14	Source of Air Pollution and fuel	Capacity of boiler : 15 MT/Day (Steam Boiler)	
		Type and Quantity of fuel :	
		Agro Briquettes - 15 MT/Day	
		Diesel: 80 Liter/Hr	
15	Air Pollution Control Equipment	All major sources of Air pollution will be provided with Wet	
		Srubber to maintain PM emissions below permissible limits (i.e. <	
		800 mg/Nm3).	
		Stack height : 30 meters	
16	ETP Capacity	30 KLD	
	1 Land use details:		

4. Land use details:

Sr.	Description	Land Area Break-up	Total Land Area
No.		approx. (m2)	(m2)
1	Administrative Office / Laboratory/OHC	250	8590.3 m2
2	Process Plant & Distillation Unit	1300	(Total Land
3	Raw Materials Storage Area	300	Plot area)
4	Finished Product Storage Area	300	
5	Solid/Hazardous Waste Storage Area	80	
6	Solvent Storage Area	350	
7	Spent Solvent Storage Area	100	
8	Haz. Chemical / Explosive Area	400	
6	Utility Area & Elec. Panel, DG set area	250	]
7	Wastewater Management (ETP) Area	280	]
8	Green Belt Area (33%)	2834	]
9	Open Area/Road Area	2146.3	]

5. Water requirement details:

	D		<b>D</b> 1
Sr.	Purpose	Water Consumption	Remarks
No.		Quantity (KL/Day)	
А.	Domestic	3	Fresh water
B.	Industrial		
	Process	10	*DM water - 10 KL
	Boiler	15	*DM water - 6 KL
		(6* + 9#)	#RO permeate water- 9 KL
	Cooling	15.5	*DM water - 2 KL
		(2*+13.5#)	#RO permeate water- 13.5 KL
	Scrubber	1	*DM water- 1 KL
	Washing	1	*DM water- 1 KL
	Sub-total; (B)	42.5	* DM water - 20 KL total used

		(20*+22.5#)	#RO permeate water- 22.5 KL total
			used
C.	Gardening	9	Fresh water
	TOTAL	54.5	Thus, total fresh water; [ 30 KL (DM plant) +
	(A+B+C)		2 KL (Domestic ) + 10 KL (Gardening) ] =
			42 KL and the grand total of water
			requirement; [ 42 KL total Fresh water +
			22.5 KL (ETP/RO permeate water)]
			= 64.5 KL

6. The project proposal falls under category 5 (f) of EIA Notification, 2006 (as amended).

#### **RESOLUTION AGAINST AGENDA NO-02**

### The committee discussed the matter and recommended grant of environmental clearance on the proposal as above alongwith following conditions:

- 1. Installation of separate ETP for the disposal of liquid/leakage.
- 2. Explore the possibilities of use of various by-products.
- 3. Explore the possibilities of methodology for formaldehyde formation by use of copper as catalyst and methane as raw material.
- 4. Development of spectrophotometric method for detection of formaldehyde in air and HPLC method for detection of formaldehyde in water.
- 5. Storage conditions for formaldehyde after manufacturing.
- 6. Disaster management in case of spillage of formaldehyde.
- 7. Statutory compliance:
  - i. The project proponent should obtain necessary permission from Drug Controller, Govt. of India, within time frame.
  - ii. 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.
  - iii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
  - iv. 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 species in the study area).
  - v. 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.
  - vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
  - vii. 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.
- 8. Air quality monitoring and preservation:
  - i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
  - ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.
  - iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g.  $PM_{10}$  and  $PM_{2.5}$  in reference to PM emission, and SO<sub>2</sub> and NOx in reference to SO<sub>2</sub> and NOx emissions) 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.

- iv. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and /or the NAAQS. 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. Storage of raw materials, coal etc, shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- vi. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
- vii. 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.
- 9. Water quality monitoring and preservation:
  - i. The project proponent shall provide 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 (applicable in case of the projects achieving ZLD)
  - ii. As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).
  - iii. 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.
  - iv. 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.
  - v. 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.
  - vi. 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.
  - vii. 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.
- 10. Noise monitoring and prevention:
  - 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 standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
  - iii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- 11. Energy Conservation measures:
  - i. The energy sources for lighting purposes shall preferably be LED based.
- 12. 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
- 13. Green Belt:
  - i. The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.
- 14. 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 unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
  - iii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
  - iv. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Preemployment 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.
  - v. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche 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 as per 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.
- 15. Corporate Environment Responsibility:
  - 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 / stake holders. 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. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- 16. Miscellaneous:
  - i. Environment Clearance subjected to condition of necessary permission from Drug Controller and Department of Industry.
  - ii. Monitoring of dioxin and furon from biomass fueled boiler should be done.
  - iii. Agreement with TSDF vendors shall be submitted.
  - iv. 100% waste water is to be treated in ETP conforming to prescribed standards of receiving body for designated use.
  - v. 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.
  - vi. The copies of the environmental clearance shall be submitted by the project proponents to the Heads

of local bodies, Panchayats and 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.

- vii. 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.
- viii. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NOx (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.
- ix. 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.
- x. 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.
- xi. 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.
- xii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- xiii. 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.
- xiv. 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).
- xv. 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.
- xvi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xvii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xviii. 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 requisite data / information/monitoring reports.
- xix. 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.
- xx. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

#### 3. <u>Expansion of Existing Products including addition of New API/ Bulk drugs/ Pharmaceutical</u> <u>Products, at Plot No.- 35, 35/1 & 36, South Side of G.T. Road, Industrial Area, Ghaziabad.,</u> <u>Shri Sumit Goel, M/s Sara Exports Ltd. File No. 6255/Proposal No. SIA/UP/IND2/206483/2021</u>

A presentation was made by project proponent along with their consultant M/s Paramarsh (Servicing Environment & Development). The proponent, through the documents submitted and the presentation made, informed the committee that:-

- The Environment clearance is sought for Expansion of Existing Products including addition of New API/ Bulk drugs/ Pharmaceutical Products, at Plot No.- 35, 35/1 & 36, South Side of G.T. Road, Industrial Area, Ghaziabad., Shri Sumit Goel, M/s Sara Exports Ltd.
- 2. Final EIA report submitted by the project proponent on 27/03/2021.
- 3. Salient features of the project:

Sr.	Attributes	Details of	project		
No.					
1	Proposed capacity of Plant		Product : API/ Bulk drugs/Pharmaceutical Products		
2	Total project area		22418 sqm (2.2418 Ha)		
3	Total project cost		1500 Lakhs		
4	No of working days	330 Days			
5	Fuel Requirement	• ]	<ul> <li>Agro Briquettes: 15 MT/Day for Steam Boiler 10 TPH [running under capacity]</li> <li>Diesel 80 Liter/Hr for D. G. Set</li> </ul>		
6	Water Requirement	(Gardenii	Total fresh water;[ 30 KL (DM plant) + 2 KL (Domestic ) + 10 KL (Gardening) ] = 42 KL Grand total of water requirement;		
			otal Fresh water + 22.5 KL (ETP/RO	permeate water)]	
7	Man Power Requirement	Total- 35	Nos during operation		
8	Power Requirement	Total Cor DG Set C capacity	nected Load : Existing: Power load is apacity: 3 DG Set of 625 KVA, 380	s 600 KVA 0 KVA and 250 KVA	
9	Source of water	Ground v	vater		
12	Waste Water Generation	Industrial	Waste Water : 33.9 KLD		
13	Domestic Water Requireme	ent Water rec	uirement : 3.0 KLD		
			Waste Water : 2.4 KLD		
			t: Waste water will be disposed three	ough Septic and Soak	
			pit.		
14	Source of Air Pollution and		Capacity of boiler : 10 TPH		
			Type and Quantity of fuel :		
			Agro Briquettes - 15 MT/Day Diesel: 80 Liter/Hr		
15	Air Pollution Control Equip		All major sources of Air pollution will be provided with Wet		
15			Srubber to maintain PM emissions below permissible limits (i.e. <		
			800 mg/Nm3).		
			Stack height : 30 meters		
16	ETP Capacity 40 KLD				
4.	Land use details:				
Sr.	Descri	otion	Land Area Break-up	Total Land Area	
No.			approx. (m2)	(m2)	
1	Administrative Office / L	aboratory/OHC	250	22418 m2	
2	Process Plant & Distillati	on Unit	2500	(Total Land	
3	Raw Materials Storage A		500	Plot area)	
4	Finished Product Storage		500		
5	Solid/Hazardous Waste S	torage Area	150		
6	Solvent Storage Area		700		
7	Spent Solvent Storage Ar		200		
8	Haz. Chemical / Explosiv		800		
6	Utility Area & Elec. Panel, DG set area		<u> </u>		
7		Wastewater Management (ETP) Area			
8		Green Belt Area (33%)			
9	Open Area/Road Area	1	8470		
5.	Water requirement detai			1	
Sr.	Purpose	Water Consumption			
No.	Domostio	Quantity (KL/Day)			
A.	Domestic	3	Fresh water		
В.	Industrial	10	*DM / 10.121		
	Process	10	*DM water - 10 KL		

	Boiler	15	*DM water - 6 KL
		(6* + 9#)	#RO permeate water- 9 KL
	Cooling	15.5	*DM water - 2 KL
		(2*+13.5#)	#RO permeate water- 13.5 KL
	Scrubber	1	*DM water- 1 KL
	Washing	1	*DM water- 1 KL
	Sub-total; (B)	42.5	*DM water - 20 KL total used
		(20* + 22.5#)	#RO permeate water- 22.5 KLtotal used
C.	Gardening	9	Fresh water
	TOTAL	54.5	Thus, total fresh water; [ 30 KL (DM plant) + 2 KL
	(A+B+C)		(Domestic) + 10 KL (Gardening)] = 42 KL and the
			grand total of water requirement; [ 42 KL total Fresh
			water + 22.5 KL (ETP/RO permeate water)]
			= 64.5 KL

6. The project proposal falls under category 5 (f) of EIA Notification, 2006 (as amended).

#### **RESOLUTION AGAINST AGENDA NO-03**

## The committee discussed the matter and recommended grant of environmental clearance on the proposal as above alongwith following conditions:

- 1. Installation of separate ETP for the disposal of liquid/leakage.
- 2. Explore the possibilities of use of various by-products.
- 3. Explore the possibilities of methodology for formaldehyde formation by use of copper as catalyst and methane as raw material.
- 4. Development of spectrophotometric method for detection of formaldehyde in air and HPLC method for detection of formaldehyde in water.
- 5. Storage conditions for formaldehyde after manufacturing.
- 6. Disaster management in case of spillage of formaldehyde.
- 7. Statutory compliance:
  - i. The project proponent should obtain necessary permission from Drug Controller, Govt. of India, within time frame.
  - ii. 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.
  - iii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
  - iv. 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 species in the study area).
  - v. 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.
  - vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
  - vii. 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.
- 8. Air quality monitoring and preservation:
  - i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
  - ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in

every quarter through labs recognised under Environment (Protection) Act, 1986.

- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g.  $PM_{10}$  and  $PM_{2.5}$  in reference to PM emission, and SO<sub>2</sub> and NOx in reference to SO<sub>2</sub> and NOx emissions) 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.
- iv. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and /or the NAAQS. 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. Storage of raw materials, coal etc, shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- vi. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
- vii. 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.
- 9. Water quality monitoring and preservation:
  - i. The project proponent shall provide 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 (applicable in case of the projects achieving ZLD)
  - ii. As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).
  - iii. 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.
  - iv. 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.
  - v. 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.
  - vi. 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.
  - vii. 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.
- 10. Noise monitoring and prevention:
  - 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 standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
  - iii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- 11. Energy Conservation measures:
  - i. The energy sources for lighting purposes shall preferably be LED based.
- 12. 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
- 13. Green Belt:
  - i. The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.
- 14. 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 unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
  - iii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
  - iv. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Preemployment 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.
  - v. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche 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 as per 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.
- 15. Corporate Environment Responsibility:
  - 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 / stake holders. 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. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- 16. Miscellaneous:
  - i. Environment Clearance subjected to condition of necessary permission from Drug Controller and Department of Industry.
  - ii. Monitoring of dioxin and furon from biomass fueled boiler should be done.
  - iii. Agreement with TSDF vendors shall be submitted.
  - iv. 100% waste water is to be treated in ETP conforming to prescribed standards of receiving body for designated use.
  - v. 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.

- vi. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and 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.
- vii. 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.
- viii. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NOx (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.
- ix. 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.
- x. 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.
- xi. 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.
- xii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- xiii. 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.
- xiv. 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).
- xv. 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.
- xvi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xvii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xviii. 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 requisite data / information/monitoring reports.
- xix. 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.
- xx. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

#### 4. <u>Stone Crusher Unit at Khasra No.-70/3/2, 70/3/1, 70/2, 68/2, 68/3/2, 68/1, Village- Dhaba, P.O.-</u> <u>Raipur, Tehsil- Behat, District- Saharanpur., Shri Saidur Rahman, M/s Salamti Stone Crusher.</u> <u>File No. 5836</u>

The committee noted that the matter was earlier discussed in  $453^{rd}$  SEIAA meeting dated 02/03/2021 and directed as follows:

"SEIAA noted that SEAC has recommended to grant environmental clearance to the project proposal. SEIAA gone through the file and documents and found that project was earlier taken in

528<sup>th</sup> SEAC meeting wherein certain queries were made. SEAC has not made clear whether satisfactory reply to the queries has been submitted or not by project proponent. SEIAA opined to refer back the matter to SEAC for clarification on the above aspects."

#### **RESOLUTION AGAINST AGENDA NO-04**

As per the direction of SEIAA, the matter was listed in 544<sup>th</sup> SEAC meeting dated 04/06/2021. The SEAC went through the file and documents and observed that the above project proposal is not listed in the agenda of 528<sup>th</sup> SEAC meeting dated 03/03/2021. However, it is listed in 524<sup>th</sup> SEAC meeting dated 18/02/2021 after the satisfactory reply of all queries submitted by the project proponent and SEAC has recommended to grant the environmental clearance alongwtih general and specific conditions.

#### 5. <u>Request for Change of our name from "Upper Ganaes Sugar & Ind. Ltd., Seohara Distillery"</u> <u>to Avadh Sugar & Energy Ltd., Unit- Seohara Division, Seohara Distillery" in Environment</u> <u>Clearance Letter No.- J-11011/397/2005-IA II(I) granted on 03-04-2006 by MOEF, in</u> <u>accordance with the scheme of arrangement approved vide order dated 02-03-2017 passed by</u> National Company Law Tribunal, Allahabad. File No.

The committee noted that the matter was earlier discussed in  $454^{\text{th}}$  SEIAA meeting dated 10/03/2021 and directed as follows:

"SEIAA gone through the letter of the authorized signatory dated 11.02.2021 regarding the above subject. SEIAA opined that the letter shall be referred to SEAC for comments/recommendations."

As per the direction of SEIAA, the matter was listed in 544<sup>th</sup> SEAC meeting dated 04/06/2021. The committee went through the file and observed that the above case never been taken-up in any earlier SEAC meeting. However, from the record it seems that project proponent has applied offline on dated 11/02/2021 and the case was directly taken by SEIAA.

The SEAC also observed that the project proponent submit online amendment application vide proposal no. SIA/UP/IND2/197957/2021 and the online proposal were appraised by SEAC in today's meeting.

A presentation was made by project proponent along with their consultant M/s Environmental and Technical Research Centre. The project proponent informed that the environmental clearance for the above proposal was issued by MoEF&CC, Govt. of India vide letter no. J-110011/397/2005-IA II(I), dated 03/04/2006 in favour of M/s Upper Ganges Sugar & Industries Ltd. The project proponent also informed as follows:

"In terms of the scheme all approvals, consents, exemptions, registrations, no-objection certificates, permits, quotas, rights, entitlements, license (including the license granted by any Governmental statutory or regulatory bodies for the purpose of carrying on its business in connection therewith an certificates of every kind and description of whatsoever nature related to Upper Ganges Sugar & Industries Ltd. Seohara shall continue in full force and effect against or in favour of Avadh Sugar & Energy Ltd., Unit-Seohara and may be enforced effectively."

In view of above, the project proponent submitted an amendment application through online portal on 12/02/2021 and requested to change the name of project proponent from M/s Upper Ganges Sugar & Industries Ltd., Seohara to Avadh Sugar & Energy Ltd., Unit-Seohara in environmental clearance letter no. J-110011/397/2005-IA II(I), dated 03/04/2006 issued by MoEF&CC, Govt. of India.

#### **RESOLUTION AGAINST AGENDA NO-05**

The committee went through the file and observed that as per the documents submitted by project proponent National Company Law Tribunal Allahabad Bench in company petition no. 33/2016 connected with company application no. 17 of 2016 (under section 391-394 of companies Act, 1956), dated 02/03/2017 transfer the ownership in favour of M/s Avadh Sugar & Energy Ltd., Unit-Seohar. The committee discussed the matter and recommended to change the name of project proponent in environmental clearance letter no. J-110011/397/2005-IA II(I), dated 03/04/2006 from M/s Upper Ganges Sugar & Industries Ltd., Seohara to M/s Avadh Sugar & Energy Ltd., Unit-Seohara.

Rest all the contents mentioned in environmental clearance letter no. J-110011/397/2005-IA II(I), dated 03/04/2006 shall remain the same.

## 6. <u>Sand/Morrum Mining from Yamuna Riverbed at Plot/Khasra No.- 32, Village- Baipur Ehatmali, Tehsil- Sadar, District- Agra, U.P., Smt. Doli Garg, Owner, M/s Mahakali Construction, Area-6.07 Ha. File No. 6058/5609/Proposal No. SIA/UP/MIN/59256/2020</u>

The committee noted that the matter was earlier discussed in 455<sup>th</sup> SEIAA meeting dated 15/03/2021 and directed as follows:

"SEIAA gone through the letter of the project proponent dated 23.02.2021 regarding the location of lease in TTZ area. SEIAA opined that the case shall be referred to SEAC for review/recommendations."

#### **RESOLUTION AGAINST AGENDA NO-06**

As per the direction of SEIAA, the matter was listed in  $544^{\text{th}}$  SEAC meeting dated 04/06/2021. The SEAC observed that the concerned project proponent letter dated 23/02/2021 is not available in the file no. 6058/5609. Hence, SEIAA requested to provide the aforesaid letter dated 23/02/2021.

#### 7. <u>Hon'ble High Court, Allahabad (Development of Multilevel Parking & Advocates Chamber ) at</u> <u>Prayagraj, U.P, Shri Chotey Lal Kanaujia, Joint Registrar, Hon'ble High Court, Allahabad.</u> <u>File No. 6132/Proposal No. SIA/UP/MIS/59921/2021</u>

The committee noted that the matter was earlier discussed in 456<sup>th</sup> SEIAA meeting dated 18/03/2021 and directed as follows:

"SEIAA noted that SEAC has commented that the standard terms of reference has already been issued through online parivesh portal on 08/02/2021 hence, no action is required in the matter. SEIAA opined to refer back the project to SEAC to review the case if any additional condition is to be added."

#### **RESOLUTION AGAINST AGENDA NO-07**

As per the direction of SEIAA, the matter was listed in 544<sup>th</sup> SEAC meeting dated 04/06/2021. The SEAC opined that, no additional TOR condition is required to add in standard terms of reference.

# 8. <u>Barahmauri Morrum Mining at Aarji No.-385, Khand No.-A, at Village -Barahmauri, Tehsil-Robertsganj, District-Sonbhadra, U.P., Shri Praveen Kumar, Area-12.146 Ha. File No. 4042/Proposal No. SIA/UP/MIN/ 72472/2018</u>

#### **RESOLUTION AGAINST AGENDA NO-08**

The committee noted that under para-11 of EIA Notification, 2006 mentioned as below:

"A prior environmental clearance granted for a specific project or activity to an applicant may be transferred during its validity to another legal person entitled to undertake the project or activity on application by the transferor, or by the transferee with a written "no objection" by the transferor, to, and by the regulatory authority concerned, on the same terms and conditions under which the prior environmental clearance was initially granted, and for the same validity period. No reference to the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned is necessary in such cases."

Hence, no action is required at SEAC level.

(Dr. Virendra Misra) Member

(Dr. Pramod Kumar Mishra) Member (Dr. Ranjeet Kumar Dalela) Member

(Meraj Uddin) Member (Dr. Ajoy Kumar Mandal) Member (Rajive Kumar) Member

(Dr. Sarita Sinha) Chairperson