

**Proceeding of 198<sup>th</sup> meeting of State Expert Appraisal Committee (SEAC)  
held on 05.04.2021 in the Conference Hall no. 2 at 11:00 AM, MGSIPA  
Complex, Sector-26, Chandigarh.**

The following were present:

<b>Sr. No.</b>	<b>Name of SEAC Member</b>	<b>Designation in SEAC</b>
1.	Er. Yogesh Gupta	Chairman (Through VC)
2.	Sh. Pardeep Garg	Member Secretary
3.	K.L. Malhotra	Member
4.	Sh. Anil Kumar Gupta	Member (Through VC)
5.	Parminder Singh Bhogal	Member
6.	Dr. Preet Mohinder Singh Bedi	Member (Through VC)
7.	Satish Kumar Gupta	Member (Through VC)
8.	Dr. Sunil Mittal	Member (Through VC)
9.	Dr. Pawan Krishan	Member (Through VC)

**Item No. 01: Confirmation of the proceedings of 197<sup>th</sup> meeting of State Level Expert Appraisal Committee held on 15.03.2021.**

SEAC was apprised that the proceedings of 197<sup>th</sup> meeting of State Level Expert Appraisal Committee held on 15.03.2021, respectively have been circulated through email on 09.03.2021. SEAC confirmed the same.

**Item No. 02: Action taken on the proceedings of the 197<sup>th</sup> meeting of State Level Expert Appraisal Committee held on 15.03.2021.**

The action taken on the decisions of 197<sup>th</sup> meeting of State Level Expert Appraisal Committee held on 15.03.2021, is given as under:

<b>Item No.</b>	<b>Description</b>	<b>Decision of the 196<sup>th</sup> meeting held on 15.03.2021</b>	<b>Action Taken</b>
197.01	Request regarding exemption of STP from EC granted to our Super Mega Project Sec 66A, 82 and 83 SAS Nagar submitted by JLPL.	After detailed deliberations, the SEAC decided that Sh. Parminder Singh Bhogal, Member SEAC will visit the site for examining the points raised by SEIAA in its meeting held on 19.02.2021. Sh. Nikhil Gupta, AEE shall assist Sh. Parminder Singh Bhogal during the site visit. Further, Punjab Pollution Control Board be also requested to depute their officer along with relevant record during the site visit of Sh. Bhogal	As per the decision, field visit was carried out on 24.03.2021 by the Member Secretary SEAC, Sh. Parminder Singh Bhogal, Member SEAC and Sh. Nikhil Gupta, AEE along with the representatives of Punjab Pollution Control Board and GMADA.

197.02	<p>Application for exemption of Environmental Clearance for M/s. Innovative Housing &amp; Infrastructure Pvt. Ltd. (Mega Integrated Residential Township) at Vill. Togan and Teera, New Chandigarh, Kharar, Distt. SAS Nagar.</p>	<p>After detailed deliberations, SEAC decided as under:</p> <p>1. The project namely M/s. Innovative Housing &amp; Infrastructure Pvt. Ltd. (Mega Integrated Residential Township) at Vill. Togan and Teera, New Chandigarh, Kharar, Distt. SAS Nagar, cannot be given exemption from obtaining Environment Clearance under the provisions of EIA notification dated 14.09.2006 as the total land area for which CLU was obtained was 155.9 Acres (63.09 ha) which is more than 50 Ha. and thus, the project is covered under category 8 (b) of the schedule attached to the said notification.</p> <p>2. In view of EIA Notification dated 14.09.2006 for Building / Construction Projects/ Area Development Projects and Townships and clarification given by Regional Office, Ministry of Environment, Forest &amp; Climate Change, Chandigarh vide letter no. 1-5/ 2018/ Miscellaneous/ Env.205 dated 15.04.2019, the</p>	<p>File has been forwarded to SEIAA for necessary action in the matter.</p>
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		<p>following guidelines be adopted in future:</p> <p>a) The land area for which CLU has been obtained shall be considered for ascertaining the applicability of the EIA notification dated 14.09.2006 and not the Net Planned Area.</p> <p>b) In all the cases in which the total land area is less than 50 Ha, the total built up area shall be calculated on the basis of the permissible FAR, as prescribed by the concerned authority.</p> <p>c) The projects with land area less than 50 Ha but built up area more than 20,000 Sqms will be appraised as per the provisions of Schedule 8 (a) of the EIA notification 2006 as amended from time to time, as clarified by Regional office, MoEF&amp;CC, Chandigarh vide letter no. 1-5/2018/Miscellaneous/Env.205 dated 15.04.2019.</p>	
197.03	Request regarding release of Bank Guarantee (BG) of Rs. 22.05 Lacs submitted by Indian Railway Welfare Org (IRWO) for Remediation Plan and Natural & Community	After detailed deliberations, SEAC decided that as per the provisions of O.M dated 14.03.2017, the request of the	Regional Office, MoEF was requested vide letter no. 367 date 01.04.2021 to send their recommendations

	Resource Augmentation Plan regarding 'RAIL VIHAR' Group Housing Project at VIP Road, Zirakpur.	project proponent shall be forwarded to the Regional Office of MoEF&CC, Chandigarh for making recommendations regarding release of bank guarantee amounting to Rs 22.05 lacs submitted by the Project Proponent in the Regional Office of Punjab Pollution Control Board, Mohali, SAS Nagar.	for release of bank guarantee.
197.04	Regarding review of conditions imposed in the Environmental Clearance being granted to the induction furnace industrial units under the provisions of EIA notification dated 14.09.2006.	<p>1. The condition for installing separate Continuous Ambient Air Quality Monitoring System (CAAQMS) by the project proponent shall not be imposed in cases where adequate no. of CAAQMS has already been installed by PPCB.</p> <p>2. The condition for installing Continuous Effluent Monitoring System by the project proponent shall not be imposed in induction furnace cases, as there is no discharge of wastewater from the process of induction furnace units as pointed out by PPCB.</p>	File has been forwarded to SEIAA for necessary action in the matter

		<p>3. The project proponent shall provide septic tank where the discharge of domestic wastewater is less than 10 kld and STP for the discharge more than 10 kld.</p> <p>4. A copy of the layout plan, as submitted by the Project Proponent, showing the plantation be shared with Punjab Pollution Control Board, along with copy of Environment Clearance, to ensure compliance.</p>	
197.05	<p>Application for issuance of TORs for carrying out EIA study for obtaining Environmental Clearance under EIA notification dated 14.09.2006 for expansion of a Group Housing Project namely "Mona Green" located at VIP Road, Village Bishanpura, Near Zirakpur, Distt. S.A.S. Nagar by M/s Mona Township Pvt. Ltd. (Proposal no. SIA/PB/NCP/22972/2018)</p>	<p>After detailed deliberations, SEAC decided to defer the matter to the next meeting of SEAC.</p>	<p>The case is placed in the instant Agenda.</p>
197.06	<p>Application for obtaining Environmental Clearance to M/s Vincit Lab Pvt. Ltd. for establishment of pharmaceutical unit at village- Banur, District SAS Nagar. (Proposal No. SIA/PB/IND2/173982/2020)</p>	<p>After detailed deliberations, SEAC decided to award '<b>Silver Grading</b>' to the project proposal under category B2, Activity 5 (f) as per MOEF&amp;CC OM dated 13.04.2020 and to forward the application to SEIAA</p>	<p>File has been forwarded to SEIAA for necessary action in the matter</p>

		with the recommendations to grant Environmental Clearance for establishment of pharmaceutical unit at village- Banur, District SAS Nagar by M/s Vincit Lab Pvt. Ltd.	
197.07	Application for obtaining Environmental Clearance to M/s Viva API Labs Pvt. Ltd. for establishment of pharmaceutical unit at village- Raikot, Tehsil Raikot, District Ludhiana. (Proposal No. SIA/PB/IND2/176295/2020)	After detailed deliberations, SEAC decided to award ' <b>Silver Grading</b> ' to the project proposal under category B2, Activity 5 (f) as per MOEF&CC OM dated 13.04.2020 and to forward the application to SEIAA with the recommendations to grant Environmental Clearance for establishment of pharmaceutical unit at village- Raikot, Tehsil Raikot, District Ludhiana M/s Viva API Labs Pvt. Ltd. by the project proponent & his consultant and conditions	File has been forwarded to SEIAA for necessary action in the matter
197.08	Application for issuance of TORs for expansion in existing steel manufacturing unit having existing capacity 28,000 TPA of steel Billets/Ingots to 2,90,500 TPA of steel Billets/Ingots and Rolled/Flats products having capacity 1,40,500 TPA	After detailed deliberations, it was decided to categorize the project under Activity 3(a); B-1 with public consultation as required for the project. The baseline study shall be carried	File has been forwarded to SEIAA for necessary action in the matter

	<p>to 2,90,500 TPA by addition of induction Furnace at Village- Harian, P.O. Uppal, Machhiwara road, Tehsil-Koom Kalan, District-Ludhiana, Punjab by M/s Aarti Steels Ltd. (Proposal No. SIA/PB/IND/60578/2021)</p>	<p>out by Environmental Consultant for one-month additional study with effect from date of application of ToRs (except monsoon season), which shall include at least five days of traffic study. The Committee approved the Terms of Reference for expansion in existing steel manufacturing unit having existing capacity 28,000 TPA of steel Billets/Ingots to 2,90,500 TPA of steel Billets/Ingots and Rolled/Flats products having capacity 1,40,500 TPA to 2,90,500 TPA by addition of induction Furnace at Village- Harian, P.O. Uppal, Machhiwara road, Tehsil- Koom Kalan, District-Ludhiana, Punjab by M/s Aarti Steels Ltd. for preparing Environmental Impact Assessment (EIA) report for the proposed project.</p>	
197.09	<p>Application for issuance of TORs for manufacturing of 4,72,500 TPA of Alloys/Non Alloys Steel Billets/Round, Coil, Wire Rod, TMT Bars and Flats by Installing 4 induction</p>	<p>After detailed deliberations, it was decided to categorize the project under Activity 3(a); B-1 with public consultation,</p>	<p>File has been forwarded to SEIAA for necessary action in the matter</p>



	<p>furnaces (Two no. IFS of capacity 15 TPH each &amp; Two no. IFS of capacity 30 TPH each), LRF 20 TPH, continuous casting machine and a Rolling Mill of 60 TPH capacity at Village Barmalipur, Tehsil Payal, District Ludhiana, Punjab by M/s Antarctic Industries Ltd. (Proposal No. SIA/PB/IND/60763/2021)</p>	<p>as required for the project. The baseline study shall be carried out by Environmental Consultant for one-month additional study with effect from date of application of ToRs (except monsoon season), which shall include at least five days of traffic study. The Committee approved the Terms of Reference for manufacturing of 4,72,500 TPA of Alloys/Non Alloys Steel Billets/Round, Coil, Wire Rod, TMT Bars and Flats by installing 4 induction furnaces (2 of capacity 15 TPH each &amp; 2 of capacity 30 TPH each), LRF 20 TPH, continuous casting machine and a Rolling Mill of 60 TPH capacity at Village Barmalipur, Tehsil Payal, District Ludhiana, Punjab by M/s Antarctic Industries Ltd. for preparing Environmental Impact Assessment (EIA) report for the proposed project.</p>	
197.10	Application for issuance of TORs for expansion in	After detailed deliberations, it was	File has been forwarded to SEIAA

	<p>existing steel manufacturing unit having existing capacity 26,950 TPA of steel Billets/Ingots/Hand tool/Flats/Industrial rounds to 1,15,500 TPA of Steel Billets/Ingots/Hand tool/Flats/Industrial rounds by addition of induction Furnaces at Village Dugri, Tehsil Payal, District Ludhiana, Punjab by M/s Ajar Amar Steel Concast (Proposal No. SIA/PB/IND/59654/2021)</p>	<p>decided to categorize the project under Activity 3(a); B-1 with public consultation as required for the project. The baseline study of M/s J.N. Tayal Steels Pvt. Ltd. Village- Bhagwanpura, Dehlon Road, Tehsil- Ludhiana East, District- Ludhiana shall be utilized for preparation of EIA report. The Committee approved the Terms of Reference for expansion in existing steel manufacturing unit having existing capacity 26,950 TPA of steel Billets/Ingots/Hand tool/Flats/Industrial rounds to 1,15,500 TPA of Steel Billets/Ingots/Hand tool/Flats/Industrial rounds by addition of induction Furnaces at Village Dugri, Tehsil Payal, District Ludhiana, Punjab by M/s Ajar Amar Steel Concast for preparing Environmental Impact Assessment (EIA) report for the proposed project.</p>	<p>for necessary action in the matter</p>
<p>197.11</p>	<p>Application for issuance of TORs for expansion in</p>	<p>After detailed deliberations, it was</p>	<p>File has been forwarded to SEIAA</p>

	<p>existing Steel manufacturing unit having existing capacity 24,500 TPA of Steel Billets/Ingots/Hand tool/Flats/Industrial rounds to 58,100 TPA of Steel Billets/Ingots/Hand tool/Flats/Industrial rounds by addition of induction furnaces at Village Dugri, Tehsil Payal, District-Ludhiana, Punjab by M/s Maruti Alloys (Proposal No. SIA/PB/IND/60505/2021)</p>	<p>decided to categorize the project under Activity 3(a); B-1 with public consultation as required for the project. The baseline study of M/s J.N. Tayal Steels Pvt. Ltd. Village- Bhagwanpura, Dehlon Road, Tehsil-Ludhiana East, District- Ludhiana shall be utilized for preparation of EIA report. The Committee approved the following Terms of Reference for expansion in existing Steel manufacturing unit having existing capacity 24,500 TPA of Steel Billets/Ingots/Hand tool/Flats/Industrial rounds to 58,100 TPA of Steel Billets/Ingots/Hand tool/Flats/Industrial rounds by addition of induction furnaces at Village Dugri, Tehsil Payal, District-Ludhiana, Punjab for preparing Environmental Impact Assessment (EIA) report for the proposed project</p>	<p>for necessary action in the matter</p>
197.12	<p>Application for obtaining Environmental Clearance for API manufacturing Industrial</p>	<p>SEAC observed that the Environmental Consultant from the</p>	<p>The case is placed in the instant agenda.</p>

	unit namely M/s Ind Swift Laboratories Ltd. Located at Barwala Road, Bhagwanpur, Dera Bassi, District SAS Nagar, Punjab. (Proposal No. SIA/PB/IND2/176305/2020).	Project Proponent was not able to appear before the Committee to present the EIA report. After detailed deliberations, SEAC decided to defer the case for next meeting	
197.13	Application for obtaining extension in the validity of Environmental Clearance of construction project by M/s V.N. Sharma Builders Pvt. Ltd. In name & style "Savitry Greens" at village Bishanpura, Near Zirakpur, Tehsil Dera Bassi, SAS Nagar, Punjab (Proposal No. SIA/PB/MIS/169583/2020).	After detailed deliberations, SEAC decided to forward the case to SEIAA alongwith recommendations to extend the Environment Clearance granted to the project namely "Savitry Greens" in the revenue estate of village Bishanpura, Zirakpur, Tehsil Dera Bassi, District SAS Nagar, by M/s V.N. Sharma Builders Pvt. Ltd., for a period of three years i.e. upto 23.05.2024, subject to same terms and conditions as imposed in the original Environment Clearance granted vide no. SEIAA/MS/2013/3034 dated 28.10.2013.	File has been forwarded to SEIAA for necessary action in the matter

197.14	Application for obtaining extension in the validity of Environmental Clearance of construction of a Residential Complex "Savitry Greens-II" in the revenue estate of village Gazipur, Zirakpur, District SAS Nagar, by M/s N.K. Sharma Enterprises (Proposal No. SIA/PB/MIS/197738/2021)	After detailed deliberations, SEAC decided to forward the case to SEIAA alongwith recommendations to extend the Environment Clearance granted to the residential project namely "Savitry Greens-II" in the revenue estate of village Gazipur, Zirakpur, District SAS Nagar, by M/s N.K. Sharma Enterprises, for three years i.e. 25.10.2024, subject to same terms and conditions as imposed in the original Environment Clearance granted vide no. SEIAA/MS/2013/2843 dated 14.01.2014	File has been forwarded to SEIAA for necessary action in the matter
197.15	Application for obtaining Environmental Clearance under the EIA notification 14.09.2006 for setting up of new Pharmaceutical Park (Bulk drugs & APIs and Formulations) at Village Wazirabad, Distt- Fatehgarh Sahib, Punjab by M/s Punjab Small Industries & Export Corporation Ltd (Proposal No. SIA/PB/NCP/61716/2020).	After detailed deliberations, SEAC decided to award ' <b>Silver Grading</b> ' to the project proposal under category B1, Activity 7(c) and to forward the application to SEIAA with the recommendations to grant Environmental Clearance for setting up of new Pharmaceutical Park (Bulk drugs & APIs	File has been forwarded to SEIAA for necessary action in the matter

		and Formulations) at Village Wazirabad, Distt- Fatehgarh Sahib, Punjab by M/s Punjab Small Industries & Export Corporation Ltd	
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SEAC noted the same.

**Item No 198.01: Request regarding exemption of STP from EC granted to our Super Mega Project Sec 66A, 82 and 83 SAS Nagar submitted by JLPL.**

JLPL vide memo no 5624 -25 dated 15.09.2020 informed as under: -

- 1) They have been granted EC vide letter no SEIAA/2015/8257 dt. 16.12.2015 for subject cited project with the provision of providing independent STP for the project. However, during the course of proceedings, they have been allowed connection to GMADA STP of 45 MLD capacity at Sector 83 SAS Nagar vide GMADA letter no. 1110 dated 21.03.2014
- 2) Accordingly, Super Mega Project sewerage connection has been connected to GMADA STP and the system is operational for last many years. It is further intimated that EDC for the project amounting to Rs 53.06 Crores has been paid to GMADA in lieu of which Authority has to provide external infrastructure services connectivity to the project. Therefore, after granting the exemption, the requisite concurrence may please be allowed, so that same can be tendered to the PPCB as desired.
- 3) Additionally, GMADA vide letter no GMADA/DE(PH-1)/12/1685 dated 16.04.2012 had affirmed that it will account for the sewage load as per the norms fixed by the Govt of India in the manual on Sewerage (published by CPHEEO) for their project in Sector 66 A, 82 & 83 while designing trunk services, to be laid by GMADA on the peripheral grid roads of Mohali Master plan including Sectoral road and public health services which are mandatory as per the provisions of the Master Plan Mohali duly approved under the Punjab Regional and Town Planning and Development Act, 1995.
- 4) Accordingly, it is requested that since Sewerage load has been accounted for as per norms fixed by the Govt of India and main sewerage line stands connected to STP of GMADA, as per statutory requirements of duly approved Master Plan of SAS Nagar (Mohali) under the provisions of the Punjab Regional and Town Planning and Development Act, 1995. Therefore, it is, again humbly submitted that after granting requisite exemption from setting up of STP and connection of sewerage earlier permitted by GMADA may be allowed to be regularized and concurrence to this effect may kindly be given to their company, so that the same can be presented to PPCB at the earliest as desired.

**1.0 Deliberations during 171<sup>st</sup> meeting of SEIAA held on 21.09.2021.**

The case was placed before SEIAA in its 171<sup>st</sup> meeting held on 21.09.2020 and the same was attended by the following through video conference: -

- i) Sh. Hardeep Singh, Chief Engineer, on behalf of the project proponent.
- ii) Sh. Sandeep Garg, EIA Coordinator, M/s Eco Laboratories and Consultants Pvt Ltd., Noida.

SEIAA observed that the project proponent has not installed its own STP as per the condition of the Environmental Clearance granted to the project proponent vide letter no. SEIAA/2015/8257 dated 16.12.2015 and on the contrary, as per the representation, the project proponent has connected the sewer with the STP of GMADA without getting an amendment in the Environmental Clearance. As such, the project proponent is not adopting the water balance as given at the time of obtaining Environmental Clearance. Thus, the project proponent is operating the project in violation of the conditions of the Environmental Clearance granted to it.

SEIAA further observed that permission given by the GMADA vide letter no GMADA/DE(PH-1)/12/1685 dated 16.04.2012 based on which the project proponent wanted to get the benefits is very old and before the grant of Environmental Clearance, which cannot be considered at this stage.

SEIAA felt that it is also important at this stage to get the latest status from GMADA regarding the laying of sewerage system and treated wastewater lines in the area and the construction of STP (with capacity) for treatment of the domestic effluent.

After detailed deliberations, SEIAA decided as under:

- (i) Show Cause notice be issued to the project proponent under the provision of the Environment (Protection) Act, 1986 for violation of the conditions of the Environmental Clearance granted to it.
- (ii) GMADA be asked to provide the latest status regarding the laying of the sewerage system and treated wastewater lines in the area and the construction of STP (with capacity) for treatment of the domestic effluent.
- (iii) Case will be placed in the next meeting after acting at point no. i) and ii) for examining the same in light of the NGT order dated 25.04.2017.

In compliance with the aforesaid decision, the following action have been taken: -

- i) Show Cause notice has been issued vide letter no. 3193 dated 21.10.2020 to the project proponent under the provision of the Environment (Protection) Act, 1986 for violation of the conditions of the Environmental Clearance granted to it
- ii) GMADA has been asked vide letter no. 3194 dated 21.10.2020 to provide the latest status regarding the laying of the sewerage system and treated wastewater lines in the area and the construction of STP (with capacity) for treatment of the domestic effluent.



JLPL vide memo no 6697 dated 02.11.2020 submitted the reply to the show cause notice.

SEIAA perused the reply submitted by JLPL in reference to show cause notice issued vide letter no 3193 dated 21.10.2020 and observed that JLPL has violated the condition of the Environmental Clearance granted to it vide letter no. SEIAA/2015/8257 dated 16.12.2015 as the project proponent has not installed its own STP. This fact has also been admitted by the JLPL in his reply.

To a query of SEIAA regarding the latest status of laying of the sewerage system and treated wastewater lines in the area and the construction of STP (with capacity) for treatment of the domestic effluent from GMADA, it was informed that reply from the GMADA in reference to SEIAA letter no. 3194 dated 21.10.2020, has not yet received.

After detailed deliberations, SEIAA decided to defer the case and matter be placed in the next meeting of SEIAA after getting the reply from GMADA to take further necessary action in the matter.

Chief Engineer GMADA was requested vide email dated 28.12.2020 to provide the latest status regarding the laying of sewerage for untreated & treated wastewater and the construction of STP (with capacity) for treatment of domestic effluent for Sector 66-A, 82 and 83, SAS Nagar. However, no reply has been received so far.

## **2.0 Deliberations during 176<sup>th</sup> meeting of SEIAA held on 19.02.2021.**

The case was placed before SEIAA in its 176<sup>th</sup> meeting held on 19.02.2021 wherein it was observed that a reply has still not been received from the GMADA. SEIAA further observed that the EC was granted in 2015 on the condition that the Project Proponent would set up an independent STP. The present contention of the Project Proponent which primarily relies on an earlier communication of GMADA allowing them connection to the GMADA STP appears to be untenable.

After detailed deliberations, SEIAA decided as under:

- (i) To issue a reminder to GMADA to provide the latest status as desired.
- (ii) The reply to the show cause notice under section 5 of the EPA submitted by the Project Proponent along with other relevant details be remanded to SEAC for their detailed comments and recommendations as under:
  - (a) Examining whether the contention of the project proponent that the entire sewerage of their Super Mega Project has been connected with the GMADA STP is factually correct.
  - (b) Whether the other stipulated conditions of the EC regarding the total water requirement and total waste water generation, treatment and its disposal,

are being complied with or not for the operation phase and the entire life of the EC.

- (c) If necessary, SEAC may designate a member to conduct a site visit in this regard.

The GMADA was issued reminder vide letter no. 3608 dated 09.03.2021.

### **3.0 Deliberations during 197<sup>th</sup> meeting of SEAC held on 15.03.2021.**

The matter was considered by SEAC in its 197<sup>th</sup> meeting held on 15.03.2021 and observed that SEIAA has sent the case to SEAC to examine the request of the project proponent to exempt it from setting up of the STP and the regularization of the sewerage connection with GMADA. SEAC was apprised that no reply had been received from the GMADA even after issuing reminder to the Chief Engineer GMADA to provide the latest status regarding the laying of sewerage for untreated & treated wastewater and the construction of STP (with capacity) for treatment of domestic effluent for Sector 66-A, 82 and 83, SAS Nagar. The SEAC was also apprised that the Chief Engineer GMADA was also again requested through E-mail dated 12.03.2021 to attend the meeting with the relevant record for providing the details with regards to adequacy of the existing STP and laying of sewerage network for using the treated wastewater of STP for flushing purposes in the JLPL project, but no one from the GMADA attended the meeting.

SEAC further observed that it is important to obtain factual position on ground.

After detailed deliberations, the SEAC appointed Sh. Parminder Singh Bhogal to visit the site to get latest status w.r.t the compliance of condition of Environment Clearance regarding the total water requirement and total waste water generation, treatment and its disposal, are being complied with or not for the operation phase and the entire life of the Environment Clearance. Sh. Nikhil Gupta, AEE shall assist him to carry out the visit. Also, Punjab Pollution Control Board be requested to provide the support to make it convenient to carry out the visit by the SEAC and to depute a dedicated officer alongwith all the relevant record. The matter will be considered only after the visit and obtaining the latest status report. M/s JLPL, Punjab Pollution Control Board, GMADA and the concerned officers were conveyed to carry out the visit vide letter no. 3638-42 dated 18.03.2021. The visit was also carried out on 24.03.2021 by Sh. Parminder Singh Bhogal, Member SEAC, Sh. Pardeep Garg, Member Secretary SEAC, and Sh. Nikhil Gupta, AEE.

#### **4.0 Deliberations during 198<sup>th</sup> meeting of SEAC held on 05.04.2021.**

The matter was again considered by SEAC in its 198<sup>th</sup> meeting held on 05.04.2021. The visit report made by the team constituted by the SEAC to the project site of M/s JLPL was placed before the committee. The contents of the report are reproduced as under:

- (a) *"In compliance to the decision taken in the 197<sup>th</sup> meeting of SEAC held on 15.03.2021, the site was visited by Sh. Parminder Singh Bhogal, Member SEAC, Sh. Pardeep Garg, Member Secretary, SEAC, Sh. Nikhil Gupta AEE, SEAC on 24.03.2021. Officers/officials from the office of PPCB (Er. Ravdeep Singh, AEE) and GMADA (Er. Himanshu Sandhu, SDE and Sh. Gurinderpal Singh, JE) also joined the committee at site. Sh. Hardeep Singh, Deputy Chief Engineer of M/s JLPL explained various details of approved projects being under taken by JLPL.*
- (b) *Sh. Hardeep Singh, Deputy Chief Engineer of M/s JLPL informed that project comprises sector-82,83 & 66A, but presently Sector 66A is partially occupied and there is no occupancy in Sector 82 & 83. Further, out of 4 tubewells as proposed in the given EC of his project, 2 tubewells have been installed. The water consumption from these 2 tubewells is about 1000 KLD as per the record produced. GMADA representative informed that the 45 MLD STP in Sector 83 has been installed to treat the wastewater being generated from Sector 53 to 82 and is not supposed to treat the wastewater of Sector 83 of the Super Mega Project of JLPL.*
- (c) *It was observed that waste water generated from the project including the waste water being generated from the industrial pocket is collected in the common collection sump from which it is pumped out to the STP of 45 MLD capacity installed by GMADA in Sector 83, Mohali. It was seen at site that Project Proponent has installed water flow meter at the outlet of sump but no arrangements have been made at the STP of GMADA to monitor the quantity of wastewater coming from the sump. The common collection sump is located adjoining to the N-Choe passing through the area.*
- (d) *The representative of GMADA informed that in view of the fact that the sewerage network of IT City may take time, temporary connection in STP of 45 MLD capacity at Sector 83, SAS Nagar was allowed to M/s. JLPL for their Super Mega Project vide letter dated 21.03.2014. It was informed that GMADA is proposing to set up 20 MLD STP in the IT City. Further, it was informed that the existing STP of 45 MLD capacity is able to treat the wastewater up to secondary level only. Further in case JLPL intends to re-use the treated wastewater for flushing, plantation / land scaping, then JLPL will have to further treat the wastewater upto tertiary level. The same was also conveyed by GMADA to JLPL vide letter no. 637 dated 12.03.2021.*
- (e) *After detailed delebrations with the representaitves of M/s. JLPL, PPCB and GMADA at site, the observation of the Committee are as under:*

- (i) Contention of the project proponent for connecting the entire sewerage of their Super Mega Project with the 45 MLD capacity STP of GMADA is not correct. The STP of 45 MLD capacity is meant for treatment of waste water being generated from Sector 53 to 82, whereas, the project of JLPL also comprises of Sector 83. JLPL has to install separate STP based on the technology of primary, secondary and tertiary treatment for Sector 83, being part of Super Mega Project.*
- (ii) Temporary connection to GMADA STP of 45 MLD capacity at Sector 83, SAS Nagar has been allowed by GMADA to JLPL for their Super Mega Project vide letter dated 21.03.2014 which is only a part time arrangement and not for life of project.*
- (iii) For Sector 66A and Sector 82 of Super Mega Project, JLPL has to install separate STP of adequate capacity to further treat the wastewater to tertiary level for re-using the same for flushing/plantation to comply with conditions of Environmental Clearance granted to it. Treated wastewater from GMADA was not being re-used by way of dual plumbing as per the conditions of Environmental Clearance granted to the Project Proponent.*
- (iv) In view of above facts, there is violation by project proponent as it failed to comply with the conditions of given Environment Clearance regarding total waste water generation, treatment and its disposal."*

The Committee was also apprised that the following information was sought from the GMADA through e-mail on 03.04.2021:

- "1. The project namely "Super Mega Mixed Use Project" comprises sector-66A, 82 and Sector 83. STP of 45 MLD capacity installed in Sector 83 has been installed to treat the wastewater being generated from Sector 53 to 82 and is not supposed to treat the wastewater of Sector 83 of the Super Mega Project of JLPL. But, the representative of GMADA also informed that the sewerage connection of 2800 KLD has been provided to M/s JLPL for the said project. It is requested to clarify whether the discharge from Sector 83 has been included in the 2800 KLD or M/s JLPL will have to install separate STP for the treatment of wastewater to be generated from Sector 83.*
- 2. Further, it was informed that the existing STP of 45 MLD capacity is able to treat the wastewater up to secondary level only and in case M/s JLPL intends to re-use the treated wastewater for flushing, plantation / land scaping, then it will have to further treat the wastewater upto tertiary level and have to lay down the pipelines for taking the treated wastewater (Secondary level) from the 45 MLD STP. It is requested to endorse the same.*

3. *Whether the connection made with the STP of 45 MLD capacity is provided temporarily or is a regular connection? Whether the same will be connected with the STP of IT City in future and if yes, what is the expected time frame for the same?"*

In response to the said e-mail, GMADA through e-mail dated 05.04.2021 has replied as under:

"1. While allowing sewerage connection to M/s JLPL for 2800 KLD, the discharge of Sector 83 has also been considered, as the area of the project in Sector 83 is minimal. But if as per the environmental clearance given to them, it is Mandatory for them to install their own STP, SEAC/ SEIAA may take a call at its own. GMADA has to give connection for the disposal of the surplus discharge from their sewerage network against the EDC received from them.

2. The facts recorded in para 2 of your trailing mail are endorsed by this office.

3. As already clarified the STP in Sector 83 has sufficient capacity to cater to the load of this project but if due to level issues, the necessity arises to connect the project with the STP of IT City, it will be done accordingly please."

The Committee after perusal of the visit report of the team constituted by it and considering the reply of the GMADA sent vide email dated 05.04.2021 observed that the Project Proponent failed to comply with the conditions of Environmental Clearance granted to it vide letter dated 16.12.2015 w.r.t. setting up of the STP and re-using the treated wastewater for flushing/ plantation.

After deliberations, SEAC decided to send the matter to SEIAA with the observations as explained above.

**Item No. 198.02: Application for issuance of TORs for carrying out EIA study for obtaining Environmental Clearance under EIA notification dated 14.09.2006 for expansion of a Group Housing Project namely "Mona Green" located at VIP Road, Village Bishanpura, Near Zirakpur, Distt. S.A.S. Nagar by M/s Mona Township Pvt. Ltd. (Proposal no. SIA/PB/NCP/22972/2018)**

**1.0 Background**

Earlier, M/s Mona Township Pvt. Ltd. was granted Environmental Clearance vide letter number SEIAA/2014/5946 dated 24.01.2014 for construction of a Group Housing Project namely "Mona Greens" having a built-up area of 31,093.13 sqm in the total plot area of 3.92 acres located at VIP Road, Village Bishanpura, Near Zirakpur, Distt., S.A.S. Nagar, subject to the certain conditions by SEIAA, Punjab.

The project proponent submitted that the built-up area mentioned in the Environmental clearance is 31093.13 Sqm and whereas the consultant has not taken the basement area in the application submitted earlier for obtaining environmental clearance. Thus, there are some changes in the built-up area i.e. 31537 Sqm plus basement area 9998 Sqm (Total Built-up area 41516 Sqm). The project has already completed and when they applied for the completion, it has been suggested that environmental clearance should be got revised.

As per the amended notification vide No S.O. 804 (E) dated 14-03-2017, violation cases even of category "B" projects which are granted Environmental Clearance by SEIAA appraised for the grant' of Environmental Clearance only by the EAC and granted at the central level.

Accordingly, they had applied online application for issuance of Terms of Reference for obtaining Environmental Clearance to MOEF&CC vide proposal no IA/PB/NCP/69187/2017 on 13/09/2017.

MoEF&CC issued amended notification dated 08.03.2018 and the gist of relevant paras (2), (4) and (5) of the notification, is reproduced as under: -

Para (2) For category B projects, the appraisal, and approval thereof shall vest with the State or Union territory level Expert Appraisal Committees and State or Union territory Environment Impact Assessment Authorities in different States and Union territories, constituted under sub-section (3) of section 3 of the Environment (Protection) Act, 1986.

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

Para (5) In case, where the findings of the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee on point at sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan.

In view of the above, MoEF&CC has transferred the project to SEIAA vide proposal no. SIA/PB/NCP/22972/2018 on 28.03.2018.

#### **Deliberation during 167<sup>th</sup> meeting of SEAC held on 26.05.2018**

The matter was considered by SEAC in its 167<sup>th</sup> meeting held on 26.05.2018 wherein the SEAC was apprised that project proponent has not yet submitted a hard copy of the application after acceptance of its online application as stipulated vide MoEF OM No. J-11013/49/2014-IA.I dated 06/06/2014.

After detailed deliberations, SEAC decided to defer the case and ask the project proponent to submit a hard copy of the application. Till such time his case will not be taken up for consideration. Accordingly, ADS was raised online on 14.06.2018.

Thereafter, notice was issued to the project for delisting the case vide no. 918 dated 29/10/2019

#### **Deliberation during 185<sup>th</sup> meeting of SEAC held on 29.11.2019**

The case was considered by SEAC in its 185<sup>th</sup> meeting held on 29.11.2019, which was attended by the authorized representative on behalf of the project proponent. SEAC was apprised that the project is a violation case and was applied in the window given by MoEF vide notification dated 14.03.2017. SEAC was further apprised that as per the clause 3

of the said notification in cases of violation, action will be taken against the project proponent by the respective State Pollution Control Board under the provisions of section 15 & 16 read with section 19 of the Environment (Protection) Act, 1986 and further, no consent to operate or occupancy certificate will be issued till the project is granted the Environmental Clearance.

The representative of the project proponent informed SEAC that due to some pressing circumstances the project proponent was not in a position to present the case in the meeting and requested to consider the case in the next meeting.

SEAC raised the following observations to the project proponent:

1. As to whether a hard copy of the application/Complete Proposal along with a list of persons responsible for the violation has been submitted.
2. As to whether the project has been constructed at a site which under prevailing law is permissible. if yes, has the project proponent submitted any documentary proof in this regard.
3. Whether permission has been obtained for the abstraction of the groundwater from the CGWA or not?
4. Whether any specific ToRs for the project on assessment of ecological damage, remediation plan and natural and community resources augmentation plan have been submitted?

To the above observations, the project proponent sought time to comply with the said observations.

After detailed deliberations, SEAC decided to accept the request of the project proponent, to defer the case, and the same be placed in the next meeting after getting the reply from the project proponent.

The observations were conveyed to the project proponent vide letter no 1430 dated 03.02.2020. However, no reply has been received from the project proponent, to date.

### **Summary of the project given as under:**

The project proponent submitted the application for TOR along with the summary of the project and EMP and detail of the project is given as under:



<b>S.No.</b>	<b>Item</b>	<b>Details</b>
1.	Name & Location of the project	Expansion of a Group Housing Project namely "Mona Green" located at VIP Road, Village Bishanpura, Near Zirakpur, Distt. S.A.S. Nagar
2.	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	8(a) 'Building & Construction Project'
3.	Copy of the Master plan duly marked with the project site	Not Submitted. However, exiting project of M/s Mona Township Pvt. Ltd. had already granted Environmental Clearance vide letter number SEIAA/2014/5946 dated 24.01.2014 for construction of a Group Housing Project namely "Mona Greens" having a built-up area of 31,093.13 sqm in the total plot area of 3.92 acres
4	Pre-feasibility report as per Ministry of Environment & Forests, Circular dated 30.12.2010.	Not submitted
5.	Proof of ownership of land	Not Submitted
6.	Copy of Memorandum of Article & Association/partnership deed /undertaking of sole proprietorship/list of Directors and names of other persons responsible for managing the day-to-day affairs of the project.	Not Submitted
7.	Proposed ToRs (based on the standard ToRs)	Submitted
8.	Does it attract the general condition? If yes, please specify	No
9.	Whether the proposal involves approval/clearance under the Forest (Conservation)Act,1980	No

10.	Does the project cover under PLPA, 1900	No		
11.	Whether the proposal involves approval/clearance under the Wildlife (Protection) Act, 1972?.	No		
12.	Classification/Land use pattern as per Master Plan	The project site is located at Gazipur, Zirakpur. The land for the proposed project conforms to the land use as per the Master plan		
13.	Cost of the project	59 Crores.		
14.	TORs Fee details	NA as the application submitted on 13.09.2017 i.e. before the date of Notification 27.06.2019		
15.	Total Plot Area, Built-up Area and Green area			
	DESCRIPTION	EXISTING	ADDITIONAL *	TOTAL
	Total Area	15863 sqm	-	15863 sqm
	Built-up Area	31093 sqm	264+ 9998	41516 sqm
	Flats	283	21	304
	* Note: Some changes of 264 sqm i.e. (31357-31093) and basement of 9998 sqm, which was not considered at the time of Environmental Clearance.			
16.	Source of water supply	Ground Water (Tubewell)		
17.	Total water demand	207 KLD		
18.	Waste Water generation	165 KLD Treatment: -STP of 175 KLD Capacity		
19.	Effluent utilization	Recycled Water-82 KLD, i) Uses- Flushing-68 KLD, ii) Plantation & Irrigation-14KLD		
20.	Rainwater harvesting	Rooftop rainwater of buildings will be collected in 4 RWH tanks of total 100 KLD capacity for harvesting after filtration		
21	Air pollution control	Chimney on DG sets		
22	Solid waste	About 0.611 TPD solid waste will be generated in the project. The		

		biodegradable waste will be sent to the approved site and the non-biodegradable waste generated will be handed over to the authorized local vendor
23	Hazardous waste	Used oil will be stored in HDPE drums and kept in covered rooms under lock and key and will be sold as per EPA Rules to approved recyclers only
22.	Energy Requirements & Saving	<ul style="list-style-type: none"> <li>i) The total power requirement during operation phase is 2800 KW and will be met from PSPCL, Punjab</li> <li>ii) Proposed energy-saving measures would save about 18 % of power</li> </ul>

**2.1 Complete details of the case are summarised as under:**

1	Proposal No	SIA/PB/NCP/22972/2018
2	Date of submission of application	13.09.2017
3	Date of acceptance of application	22.05.2018
4	Last meeting of SEAC in which case was considered	167 <sup>th</sup> meeting held on 26.05.2018
5	Observations	As mentioned above
6	Date of ADS	14.06.2018
7	Details of notice issued, if any	Issued vide no. 918 dated 29/10/2019
8	Reply to the notice received or not	Project proponent attended the 185 <sup>th</sup> meeting of SEAC.
9	Lastly, the case was considered by SEAC	185 <sup>th</sup> meeting held on 29.11.2019
10	Observations	As mentioned above
11	Observation conveyed to the Project Proponent	Vide no 1430 dated 03.02.2020.
12	Reply in reference to letter no 1430 dated 03.02.2020	The project proponent has not submitted a reply online to the ADS.

13	Reminder	A reminder was issued through email 06.05.2020 wherein it was requested to submit the reply online to the observations immediately, otherwise, it will be presumed that the project proponent has nothing to say and the project will be delisted in light of the OM dated 30.10.2012. However, no reply has been received so far.
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### **3.0 Deliberation during 189<sup>th</sup> meeting of SEAC held on 28.05.2020**

The meeting was attended by the following through video conference:

1. Sh. Vikram Kumar, Project Head, and Sh. Deepak Gupta, Environmental Advisor, representing the Project Proponent.
2. Sh. Sital Singh, EIA coordinator, M/s Chandigarh Pollution Testing Laboratory, E-126, Phase-VII, Industrial Area, Mohali, Punjab, Environmental consultant of the Project Proponent.

The project proponent informed the SEAC that the said project had been granted Environmental Clearance vide letter number SEIAA/2014/5946 dated 24.01.2014. However, in the said Environmental Clearance, the basement area could not be taken into account inadvertently. He informed that in the previous application for which Environmental Clearance was granted, the prosecution was already filed against the project proponent as the earlier application was also a violation case. He further informed that this case was inadvertently applied in violation window whereas the project was required to be applied only for amendment of Environmental Clearance. Apart from the basement area, there is no other change in the application. He requested the SEAC to allow him to withdraw the current application and allow him to apply for an amendment in the Environmental Clearance.

After detailed deliberations, SEAC accepted the request of the project proponent and decided to recommend to SEIAA that the project proponent be allowed to withdraw the application submitted in violation window and apply fresh for obtaining amendment in Environmental Clearance already granted to it.

### **4.0 Deliberation during 166<sup>th</sup> meeting of SEAC held on 26.06.2020**

The case was considered by SEIAA in its 166<sup>th</sup> meeting of SEIAA held on 26.06.2020. SEIAA observed that the project proponent has not submitted any documentary evidence to prove his contention that the basement area was provided/included in other valid and

reliable documents but was inadvertently left out in the earlier application for Environment Clearance.

After detailed deliberations, SEIAA decided to remand the case to SEAC for re-examination in the light of the above observation and sending the detailed report in the matter.

#### **5.0 Deliberations during 193<sup>rd</sup> meeting of SEAC held on 26.09.2020**

The case was placed in the 193<sup>rd</sup> meeting of SEAC held on 26.09.2020 which was attended by Sh. Deepak Gupta, Environmental Advisor, representing the Project Proponent and Sh. Sital Singh, EIA coordinator, M/s Chandigarh Pollution Testing Laboratory, E-126, Phase-VII, Industrial Area, Mohali, Punjab, Environmental consultant of the Project Proponent.

To a query of SEAC regarding the submission of documentary evidence to prove their contention that the basement area was provided/included in other valid and reliable documents but was inadvertently left out in the earlier application for Environment Clearance, the Environmental consultant of the Project Proponent requested to give some time and defer the case for next meeting.

After deliberations, SEAC decided to accept the request of the environmental consultant, and defer the case till documentary evidence is not submitted to prove their aforesaid contention.

#### **6.0 Deliberations during 197<sup>th</sup> meeting of SEAC held on 15.03.2021**

The case considered by SEAC in its 197<sup>th</sup> meeting held on 15.03.2021 and was attended by following on behalf of Project Proponent.

1. Mr. Sital Singh, EIA coordinator, M/s CPTL Laboratories, Mohali.

The Environmental Consultant of the Project Proponent informed the committee that Project Proponent could not be present in the meeting due to health issues and requested to defer the case to the next meeting of SEAC.

After detailed deliberations, SEAC decided to defer the matter to the next meeting of SEAC.

#### **7.0 Deliberations during 198<sup>th</sup> meeting of SEAC held on 05.04.2021**

The matter was again considered again by SEAC in its 198<sup>th</sup> meeting held on 05.04.2021. Neither the Environmental Consultant nor the Project Proponent was present. SEAC decided to defer the matter to the next meeting of SEAC.

**Item No. 198.03 Application for obtaining Environmental Clearance for expansion of the existing API manufacturing Industrial unit namely M/s Ind Swift Laboratories Ltd. Located at Barwala Road, Bhagwanpur, Dera Bassi, District SAS Nagar, Punjab. (Proposal No. SIA/PB/IND2/176305/2020).**

The industry had earlier obtained Environmental Clearance from MoEF vide no. J-11011/246/2005 IA-II (1) dated 16.03.2006 for the manufacturing of various Bulk Drugs @ 405.20 TPA at village Bhagwanpur, Dera Bassi, District SAS Nagar. The said EC was valid for 15.03.2011.

Now, the industry has applied for expansion of the existing unit at the same location with the increase in the production capacity from 405.20 TPA to 621.6 TPA. The industry has submitted all the requisite documents as per the EIA notification dated 14.09.2006 alongwith requisite fee vide UTR No. BKIDH202737549 dated 29.09.2020.

As per EIA Notification,14.09.2006 the project falls under "A" category but now, MOEF&CC has issued OM vide F.No.22-25/2020-IA.IIIII dated 13.04.2020 which states that "proposal or activities in respect of Active Pharmaceuticals Ingredients (API) received upto 30.09.2020 shall be appraised as "B2" projects to ensure drug availability or production to reduce the impact of Novel Coronavirus. The project proponent applied for obtaining EC on 29.09.2020 and thus the project can be considered in B-2 category.

The matter was considered by SEAC in its 198<sup>th</sup> meeting held on 05.04.2021 and it was attended by the following:

1. Sh. Atul Kumar Chaubey, Vice President, HR-Env, on behalf of Project Proponent.
2. Ms. Simranjit Kaur, EIA Coordinator, M/s CPTL E-126,IA, Phase-3, SAS Nagar, on behalf of the Project Proponent through video conference.

The Punjab Pollution Control Board vide letter no. 1308 dated 15.03.2021 has sent the latest construction report which was placed before the committee. The Punjab Pollution Control Board vide letter no. 1308 dated 15.03.2021 has sent the construction status report which is placed before the committee. The relevant contents of the report are given as under:

*"In connection to the above, it is submitted that the SEIAA has sent an e-mail to this office dated 09/03/2021 mentioning that M/s Ind Swift Laboratories Ltd., has applied for Environmental Clearance for enhancement in the manufacturing capacity of API\ Intermediates from its existing capacity of 405.2 TPA to to 621.6 TPA after introducing new products and increasing production of existing products, at its existing manufacturing unit located at Barwala Road, Village Bhagwanpur, Tehsil- DeraBassi,*

*District- SAS Nagar, Punjab. The industrial unit was visited by AEE of this office on 10/03/2021 and Sh. Ramanpreet Singh of the promoter company was contacted at site.*

*The point wise reply of the comments sought by SEIAA from this office relating to the subject cited industry through the referred email, is given as under.*

<b>Sr. No</b>	<b>Report of point sought by SEIAA</b>	<b>Remarks</b>
1.	Construction/Installation status of the expansion proposal of the proposed project of the industry.	The industry has proposed to install additional machinery as mentioned at Annexure-A, in the proposal submitted by it. During the conduct of visit, it was verified that the industry has not installed the proposed additional machinery at site. However, the industry had started installation of MVR (Mechanical Vapour Recompression) unit at site.
2.	As to whether existing production is less than 405.20 TPA of Bulk Drugs/ API. Please send the detailed report.	During the conduct of visit, the production record of the plant was checked and as per the production record, the industry had manufactured an avg. of 21-22 Tonnes of its product per month against the approved production capacity of 33.717 TPM (~405.2 TPA) in the FY 2017-18, 2018-19 and 2019-20. Copy of the production sheets attached as Annexure-B for perusal.
3.	Distance of unit from the boundary of MC Limit and inter state boundary.	The industry is located in village Bhagwanpura which is located outside the limits of M.C., DeraBassi as well as the notified Master Plan of DeraBassi, however any comment regarding its distance from the MC limits of DeraBassi could not be offered as the exact limits of the MC, DeraBassi are not clear. The matter was discussed with the office of M.C., DeraBassi and it was informed that the municipal limits of DeraBassi are extended upto Village Kuranwala and the same is located approx. 2 km (crow-flight distance) from the site of the industry (as measured from Google Maps). Further, as per Google Maps the industry alongwith other neighbouring units falls under the area of Haryana State, which seems to be not in order as Vill. Bhagwanpura is a part of Tehsil DeraBassi in Distt. SAS Nagar, Punjab. Therefore, the comments/ exact distance of the industry from inter-state boundary could not be confirmed.
4.	Status of physical structures within 500	The following operational industries are located within 500 m radius of the unit:

m radius of the site including the status of industries, if any	<b>S.No</b>	<b>Name of Industry</b>	<b>Direction</b>
	1	Vision Medical Devices (India) Pvt Ltd	East
	2	Star Bitumen	North
	3	Kansal Engineering	North
	4	Abryl Laboratories	East
	5	Megha Packaging	North
	6	Nirmal Pet	North
	7	Quad Lifesciences	North
	8	Ashok Chemicals	East
	9	SG Enterprises	North-East
	10	Anant Kripa Industries	North
	11	Emmbross Forging	North-East
	Additionally, there is one poultry farm located on south side of the unit adjacent to its boundary, but the same was found in a non-operational state.		
5.	Status of consents issued to existing unit under Air Act, 1981 and Water Act, 1974.	The consent to operate granted to the industry under the Water (Prevention & Control of Pollution) Act, 1974 vide no. CTOW/Renewal/SAS/2020/11711834 dated 15/01/2020 is valid upto 31/03/2024 and under the Air (Prevention & Control of Pollution) Act, 1981 vide no. CTOA/Renewal/SAS/2018/7117347 dated 21/04/2018 is valid upto 31/03/2021. It is pertinent to mention here that the industry has already applied for renewal of 'consent to operate' under the Air (Prevention & Control of Pollution) Act, 1981, which is under process.	
6.	Whether any directions have been issued to the industry u/s 33-A of the Water (Prevention & Control of Pollution) Act, 1974 and u/s 31-A of the Air (Prevention & Control of Pollution) Act, 1981.	Currently, any directions u/s 33-A of the Water (Prevention & Control of Pollution) Act, 1974 and u/s 31-A of the Air (Prevention & Control of Pollution) Act, 1981 has not been issued to the industry by the Board. However, it was earlier issued notice to issue directions u/s 33-A of the Water (Prevention & Control of Pollution) Act, 1974 & Show cause notice for revocation of the consent to operate under the Water (Prevention & Control of Pollution) Act, 1974 with an opportunity of personal hearing before the Hon'ble Chairman of the Board on 21/10/2020. Later, the industry was given personal hearing by the Hon'ble Chairman of the Board on 03.11.2020 and the competent authority had taken certain decisions in the hearing for necessary compliance	



		by the industry within stipulated time period given thereunder. The proceedings of the personal hearing had been conveyed to the industry vide Board's letter no. 5157 dated 06.11.2020 for necessary compliance. The matter is under process.
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SEAC allowed the Environment Consultant of the Project Proponent to present the salient features of the project which he presented as under:

1.	a) Category b) Activity (As per schedule appended to EIA Notification, 2006 as amended time to time)	B2 5(f)- 'Synthetic organic chemicals industry' - API				
2.	Whether the project falls in the critical polluted area notified by MoEF&CC /CPCB. (Yes/No) If no, then details the distance of project site from the boundary of critically polluted area	No.				
3.	Total Project Cost (In Crores):	Total proposed cost of the unit is Rs. 631.06 crores; out of which, existing cost is Rs. 547.59 crores.				
4.	Production Capacity details:	Existing 405.20 TPA After expansion 621.6 TPA				
5.	Details of technology proposed for control of emissions & effluents generated from project	<b>S. No.</b>	<b>Equipments / Machinery</b>	<b>Existing (KLD)</b>	<b>Proposed</b>	<b>After Expansion</b>
1.		ETP	250 KLD	-	250 KLD	
2.		STP	45 KLD	-	45 KLD	
3.		MEE	100 KLD	-	100 KLD	
4.		MVR		-	300 KLD	
5.		RO	1 of 250 KLD+ 2 of 100 KLD each	-	1 of 250 KLD+ 2 of 100 KLD each	

6.	Plot Area Details	Sr. No.	Particulars	Area (sq.m.) & % w.r.t total area
		1	Total area of plot	1,10,507.17
		2.	Ground Coverage	31,414.00 (@ 28.43%)
		3.	Total Covered Area	54,487
		4.	Plantation Area	36,688.38 (@ 33.20%)
		5.	Road Area	42,404.79 (@ 38.37%)
7.	Type of project land as per master plan (Industrial/ Agriculture/ Any other), If non industrial land then the details of Land Use Certificate / permissibility Certificate from Competent Authority (DTP/CTP) intimating land use pattern of the project site as per proposals of Master Plan of the area. (Submitted/Not Submitted)	<p>The industry doesn't fall within Master Plan of Derabassi.</p> <p>This unit falls within Free Economic Zone of Derabassi and Govt. has already granted Change in Land Use. Letter in this regard from CTP, Punjab vide Memo No. 1652-CTP(Pb)/SP-350B dated 11.04.1996.</p>		
8.	Details of valid consent to operate under Air & Water Act	<p><b>Air-</b> CTOA/Renewal/SAS/2018/7117347 valid from 21/04/2018 to 31/03/2021</p> <p><b>Water-</b> CTOW/Renewal/SAS/2020/11711834 valid from 15/01/2020 to 31/03/2024</p>		
9.	Details of verified compliance report from SPCB to the conditions of existing consent to operate under Air act, 1981 & Water Act,1974 (Letter no. & dated from SPCB)	Not Applicable as project is being submitted in Category B2.		
10	ToR compliance report (Submitted/ not submitted)	TOR is not applicable as project is being submitted in Cat. B2 project.		
11	Compliance report of public hearing proceedings (Action Taken) submitted or not submitted	Public Hearing is not applicable as project is being submitted in Cat. B2 project.		

12	<p>Whether any litigation pending against the project or any direction/order passed by SPCB/ Court of Law against the project, if so, details there of shall also be included.</p> <p>Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.</p>	There is no litigation pending against the industry.																																																		
13	Manpower requirement (After expansion)	There will be total work force of around 1140 employees; out of which, 813 employees are already working in the industry.																																																		
14	Details of Emissions (After expansion)	<table border="1"> <thead> <tr> <th data-bbox="748 978 813 1031">Sr. No.</th> <th data-bbox="813 978 967 1031">Source</th> <th data-bbox="967 978 1105 1031">Capacity</th> <th data-bbox="1105 978 1260 1073">Chimney Height (m)</th> <th data-bbox="1260 978 1477 1031">Air Pollution Control Device</th> </tr> </thead> <tbody> <tr> <td data-bbox="748 1073 813 1199">i)</td> <td data-bbox="813 1073 967 1199">Boiler</td> <td data-bbox="967 1073 1105 1199">37 TPH</td> <td data-bbox="1105 1073 1260 1199">55 m</td> <td data-bbox="1260 1073 1477 1199">Electrostatic Precipitator followed by Scrubber</td> </tr> <tr> <td data-bbox="748 1199 813 1293">ii)</td> <td data-bbox="813 1199 967 1293">Boiler (stand by)</td> <td data-bbox="967 1199 1105 1293">10 TPH</td> <td data-bbox="1105 1199 1260 1293">30 m</td> <td data-bbox="1260 1199 1477 1293">Dust Collector followed by Scrubber</td> </tr> <tr> <td data-bbox="748 1293 813 1388">iii)</td> <td data-bbox="813 1293 967 1388">Boiler (stand by)</td> <td data-bbox="967 1293 1105 1388">9 TPH</td> <td data-bbox="1105 1293 1260 1388">30 m</td> <td data-bbox="1260 1293 1477 1388">Dust Collector followed by Scrubber</td> </tr> <tr> <td data-bbox="748 1388 813 1503">iv)</td> <td data-bbox="813 1388 967 1503">Incinerator</td> <td data-bbox="967 1388 1105 1503">400 Kg/hr solid or 450 ltrs/hr liquid</td> <td data-bbox="1105 1388 1260 1503">30 m</td> <td data-bbox="1260 1388 1477 1503">Dust Collector followed by Scrubber</td> </tr> <tr> <td data-bbox="748 1503 813 1566">v)</td> <td data-bbox="813 1503 967 1566">DG Set</td> <td data-bbox="967 1503 1105 1566">4*1010 KVA</td> <td data-bbox="1105 1503 1260 1566">6 m above roof level</td> <td data-bbox="1260 1503 1477 1566">-----</td> </tr> <tr> <td data-bbox="748 1566 813 1629">vi)</td> <td data-bbox="813 1566 967 1629">DG Set</td> <td data-bbox="967 1566 1105 1629">2*625 KVA</td> <td data-bbox="1105 1566 1260 1629">6 m above roof level</td> <td data-bbox="1260 1566 1477 1629">-----</td> </tr> <tr> <td data-bbox="748 1629 813 1692">vii)</td> <td data-bbox="813 1629 967 1692">DG Set</td> <td data-bbox="967 1629 1105 1692">2*750 KVA</td> <td data-bbox="1105 1629 1260 1692">6 m above roof level</td> <td data-bbox="1260 1629 1477 1692">-----</td> </tr> <tr> <td data-bbox="748 1692 813 1755">viii)</td> <td data-bbox="813 1692 967 1755">DG Set</td> <td data-bbox="967 1692 1105 1755">1*500 KVA</td> <td data-bbox="1105 1692 1260 1755">4.5 m above roof level</td> <td data-bbox="1260 1692 1477 1755">-----</td> </tr> </tbody> </table>						Sr. No.	Source	Capacity	Chimney Height (m)	Air Pollution Control Device	i)	Boiler	37 TPH	55 m	Electrostatic Precipitator followed by Scrubber	ii)	Boiler (stand by)	10 TPH	30 m	Dust Collector followed by Scrubber	iii)	Boiler (stand by)	9 TPH	30 m	Dust Collector followed by Scrubber	iv)	Incinerator	400 Kg/hr solid or 450 ltrs/hr liquid	30 m	Dust Collector followed by Scrubber	v)	DG Set	4*1010 KVA	6 m above roof level	-----	vi)	DG Set	2*625 KVA	6 m above roof level	-----	vii)	DG Set	2*750 KVA	6 m above roof level	-----	viii)	DG Set	1*500 KVA	4.5 m above roof level	-----
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Proceeding for 198<sup>th</sup> meeting  
held on 05.04.2021

	disposal. Copy of Agreement clearly mentioning the Quantity	Spent Oil	Ltr/ annum	5.1	840	1500.00	Authorized Recycler
		Distillation Residue	Ltr/ day	20.3	500	754.02	Incineration (captive)
		Solid Waste from process	Kg/ day	28.1	1538	593.96	Incineration (captive)
		Spent Carbon	Kg/ day	28.3	29.85	346.92	Incineration (captive)
		Discarded & Off - Specification drugs	Kg/ day	28.4	6.14	9.50	Incineration (captive)
		Date Expired drugs	Kg/ day	28.5	6.14	9.50	Incineration (captive)
		Spent Solvent	Ltr/ day	28.6	0	20859.06	Authorized Recycler
		Used Containers & Barrels	Nos/ annual	33.1	1600	4500.00	M/s Surya Chemicals
		Used Bags & filters	Kg/ day	33.1	10	40.00	Authorized Recycler
		APCD Dust	Ton/annum	35.1	0.1	0.5	M/s Nimbua Green Field Punjab Ltd
		ETP Sludge	Kg/ day	35.3	200	307.00	M/s Nimbua Green Field Punjab Ltd.
		Scrubbing sludge	Kg/ day	37.1	292.87	400.00	M/s Nimbua Green Field Punjab Ltd.
		Incineration Ash	Kg/ day	37.2	200	300.00	M/s Nimbua Green Field Punjab Ltd.
		Evaporation salt	Kg/ day	37.3	2432	4794.00	M/s Nimbua Green Field Punjab Ltd.
16	Solid Waste generation and its mode of disposal:	<b>Details</b>	<b>Unit</b>	<b>Existing Qty</b>	<b>Proposed Quantity</b>	<b>Total Quantity after expansion</b>	<b>Disposal method</b>

		Domestic Solid Waste	Kg/Day	163	77	240	composting and to piggeries; for future will install "Eco-ster-organic waste composter"
		Slag	TPD	-	-	-	-
		Recyclable Paper	Kg/month	260	140	400	sold to the local scrap dealers
		Fly ash	tons/month	300	220	520	disposed off to M/s K.H. Enterprises and M/s Nirman Cements Limited
		Any other	-	-	-	-	-
17	Waste water generation & its disposal Arrangement in Operation Phase:	<b>Details</b>	<b>Existing Qty (KLD)</b>	<b>Proposed Quantity (KLD)</b>	<b>Total Quantity after expansion (KLD)</b>	<b>Disposal method</b>	
		Industrial Effluent	404	140	544	Overall treated water is being re-circulated in boiler, cooling tower, construction, spray & prill/misc. and for landscaping purposes. However, approx. 5 acres of landscape area has been developed under Karnal Technology for discharging treated wastewater.	
		Domestic effluent	27	10	37		

18	Details of the block in which the project site is located as per CGWA guideline (Notified/ Non-Notified area and name of block)	Non Notified area; Block- Derabassi				
19	Breakup of Water Requirements & its source in Operation Phase:	<b>S. No.</b>	<b>Description</b>	<b>Existing water demand (KLD)</b>	<b>Proposed water demand (KLD)</b>	<b>Total water demand (KLD)</b>
		1.	Domestic water demand	33	7	40
		2.	Make up water demand for cooling purpose	382	603	985
		3.	Green area water demand	90	112	202
		4.	Other	264	584	848
		<b>Total</b>		<b>769</b>	<b>1306</b>	<b>2075</b>
		Sources of water:				
		<b>S.N.</b>	<b>Purposes</b>	<b>Source of water</b>		
		1.	Domestic	Tubewells		
		2.	Make-up water demand for cooling	Tubewells & treated water		
		3.	Green area water demand	Treated water		
20	Rain Water utilization proposal during monsoons (Submitted/ Not Submitted)	Ponds in Village Rampur Sainian and Punsar have been adopted for recharging of ground water.				
21	Rain Water Harvesting proposal (within/outside premises) along with NOC from concerned village sarpanch (Submitted/Not Submitted)	The industry has adopted ponds for channelizing the rain water. Permission has been obtained from Sarpanch of Village Rampur Sainian. While, application has been filed to Sarpanch of Village Punsar for pond adoption.				
22	EMP Budget details	a. EMP budget details:				

Details of Environment Management Cell (EMC) responsible for implementation of EMP	<b>Sr. No</b>	<b>Environmental Protection Measures</b>	<b>Capital Cost Rs. Lakh</b>	<b>Recurring Cost Rs. Lakh</b>
	1.	Air Pollution Control	60	14
	2.	Water Pollution Control (ETP & MVR)	640	381
	3.	Landscaping	3	3
	4.	Solid & Hazardous Waste Management	20	2
	5.	Environment Monitoring & Management	5	3
	6.	Occupational Health Surveillance	6	6
	7.	Safety training to workers	2	2
	<b>Total</b>		<b>Rs. 736 Lakhs</b>	<b>Rs. 411 Lakhs/year</b>
	b. Details of Environment Management Cell (EMC) responsible for implementation of EMP: Mr. Atul Kumar Chaubey, Vice President (HR & EHS) of M/s Ind Swift Laboratories Ltd. is responsible for implementation of Environment Management Plan.			
23	Project area involves forest land, (Yes/No), <b>If yes</b> , then details of the the extent of area involved and copy of permission & approval for the use of forest land	No. Industry falls in FEZ of Derabassi and Govt. has already granted Change in Land Use. Letter in this regard from CTP, Punjab vide Memo No. 1652-CTP(Pb)/SP-350B dated 11.04.1996		

### 1.0 Deliberations during 198<sup>th</sup> meeting of SEAC held on 05.04.2021

SEAC raised following observations to the Project Proponent:

<b>Sr. No.</b>	<b>Observations</b>	<b>Reply by the Project Proponent</b>
1.	The Project Proponent shall give details of the Green area to be developed with in the premises.	Submitted
2.	The Project Proponent shall submit the distance from the nearby Wild Life Sanctuary on KML file.	Submitted

3.	The Project Proponent shall submit rainwater harvesting details	Submitted
4.	The Project Proponent shall submit permission from PSPCL for the cogeneration plant installed within the premises of the project.	Submitted
5.	The Project Proponent shall submit of the compliance of the decisions of personal hearing afforded to the industry by the Punjab Pollution Control Board.	Submitted

SEAC was satisfied with the presentations given by the Environmental Consultant of Project Proponent and the reply to the observations raised by the SEAC.

After detailed deliberations, SEAC decided to award '**Silver Grading**' to the project proposal under category B2, Activity 5 (f) as per MOEF&CC OM dated 13.04.2020 and to forward the application to SEIAA with the recommendations to grant Environmental Clearance for expansion of pharmaceutical unit at Barwala Road, village- Bhagwanpura, Tehsil Dera Bassi, District SAS Nagar by M/s Ind Swift Laboratories Ltd. as per the details mentioned in the application & subsequent presentation /clarifications made by the project proponent & his consultant with following conditions:

### **I. Statutory compliance**

- i. 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. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. 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 the necessary permission from the Central Ground Water Authority/ competent authority concerned, in case of drawl of ground water and also in case of drawl of surface water required for the project. In case of non- grant of permission by CGWA for ground water abstraction, the



- industry shall make alternative arrangements by using surface water or treated city sewage effluent after obtaining permission from competent authority.
- 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 Punjab 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 project proponent shall comply with the siting criteria, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of units.
  - viii. The project proponent shall comply with the CLU conditions imposed by competent authority, if any
  - ix. 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.

## **II. 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 systems 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 or NABL accredited laboratories.
- iii. The project proponent shall install a system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area (at least at four locations one for small units) 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 with
- viii. 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 extent regulations and the guidelines in this regard.
- ix. Ambient air & noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the MoEF&CC guidelines, maintain the record for the same and all the mitigation measures should be taken to bring down the levels within the prescribed standards.

### **III. 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.
- ii. The project proponent has provided Multiple Effect Evaporator of capacity @ 100 KLD for the treatment of high TDS wastewater generated from the process. The MEE condensate shall be utilized in the cooling tower. ETP of 250 KLD capacity has been installed for the treatment of low TDS wastewater. The treated wastewater from the ETP shall be treated in RO and the RO permeate shall be utilized in the cooling tower. The domestic sewage (37 KLD) will be treated in STP having 45 KLD capacity. RO reject will be treated in MVR of 300 KLD capacity.
- 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 1223 KLD. 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 store the rainwater from the roof tops of the buildings and utilize the same for different industrial operations within the plant.

- vii. Water demand during construction should be reduced by use of ready mixed concrete, curing agents and other best practices.
- viii. Provide electromagnetic flow meter at intake of water supply from the at the borewell for abstraction of ground water if any, outlet of the ETP/STP and any pipeline to be used for re-using the treated wastewater back into the system and for horticulture purpose/green belt etc.
- ix. A proper record regarding groundwater abstraction, water consumption, its reuse and disposal shall be maintained on daily basis and shall maintain a record of readings of each such meter on daily basis.
- x. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.
- xi. Separation of drinking water supply, treated sewage supply and treated permeate line leading back to the process water should be done by the use of different colors.

#### **IV. 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 EPA Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

#### **V. Energy Conservation measures**

- i. The energy sources for lighting purposes shall preferably be LED based.
- ii. The project proponent shall make efforts to ensure the reduction of overall power demand which may be met by solar system including the provision of solar water heating or through any other innovative environment friendly techniques.

#### **VI. Waste management**

- i. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- ii. Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed off after taking the necessary precautions for general safety and health aspects of people with the approval of competent authority. The project proponent will comply with the provisions of Construction & Demolition Waste Rules, 2016. Dust, smoke & debris prevention measures such as wheel washing, screens, barricading and debris chute shall be installed at the site during construction including plastic / tarpaulin sheet covers for trucks bringing in sand & material at the site.

- iii. Construction spoils, including bituminous material and other hazardous material, must not be allowed to contaminate watercourses. The dump sites for such material must be secured, so that they should not leach into the groundwater.
- iv. 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.
- v. 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.
- vi. The Project proponent shall abide by the provisions of Solid Waste Management Rules, 2016 (amended from time to time), if applicable.
- vii. 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

## **VII. Green Belt**

- i. The green belt 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. Total 1382 trees to be planted without accounting the shrubs and protect the same with tree guard made of concrete.

## **VIII. 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. 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.

- 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.
- viii. A first aid room will be provided in the project both during construction and operation phase of the project.

#### **IX Validity of Environmental Clearance.**

- i. This environmental clearance will be valid for a period of seven years from the date of its issue or till the completion of the project, whichever is earlier

#### **X. Miscellaneous**

- i. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department etc. shall be obtained, by project proponent from the competent authorities including Punjab Pollution Control Board and from other statutory bodies as applicable.
- ii. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority, Punjab.
- iii. The environmental safeguards contained in the application of the promoter / mentioned during the presentation before State Level Environment Impact Assessment Authority/State Expert Appraisal Committee should be implemented in letter and spirit.
- iv. 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.
- v. 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.

- vi. 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.
- vii. The project proponent shall monitor the criteria pollutants level namely; PM10, SO<sub>2</sub>, NO<sub>x</sub> (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.
- viii. 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.
- ix. 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.
- x. The project proponent shall inform the Regional Office of the Ministry and PPCB, 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.
- xi. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- xii. The project proponent shall abide by all the commitments and recommendations made in the EIA /EMP report, and also that during their presentation to the SEAC and SEIAA.
- xiii. 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).
- xiv. 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.
- xv. The SEIAA/Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xvi. The SEIAA/ Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xvii. The Regional Office of this Ministry or Punjab Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office and PPCB by furnishing the requisite data / information/monitoring reports.

- xviii. 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.
- xix. 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.

**XI. ADDITIONAL CONDITIONS:**

- i. To achieve the Zero Liquid Discharge, waste water generated from different industrial operations should be properly collected, treated to the prescribed standards and then recycled or reused for the identified uses.
- ii. The project proponent shall make necessary arrangements for the recovery and reuse of steam condensate resulting from the indirect steam applications and shall not allow to discharge such effluents into drain.
- iii. The project proponent shall provide advanced scrubbing systems with proper neutralizing media to handle the acidic/alkaline emissions from storage, handling & processing activities. Wherever required, packed bed scrubbers will also be provided. The suction and scrubbing systems shall also be designed to handle the inherent odours from such units.
- iv. The project proponent shall provide the Air Pollution Control Devices as proposed by the PPCB to control the emissions generated from the boiler within the prescribed parameter.
- v. The project proponent shall practice rainwater harvesting to maximum possible extent. For this village ponds located at Villages Rampur Sainian & Punsar shall be adopted for desilting to recharge the rainwater. Pond water will percolate through natural strata (without injection) to augment the ground water and remaining water shall be used for irrigation purposes by pumping method in the nearby fields.

**Item No. 198.04: Application for obtaining amendment in the Environmental clearance granted under EIA notification dated 14.09.2006 for steel Manufacturing unit by M/s Renny Strips Pvt. Ltd. at Village- Mangarh, Machhiwara road, Near Kohara, District Ludhiana, Punjab (SIA/PB/IND/195620/2021).**

The promoter company was granted Environmental Clearance under EIA notification vide no. 3306 dated 05.11.2020 for steel manufacturing unit with 3 no. induction furnaces (3X15TPH) having production capacity of steel ingots/ billets @ 1,89,000 TPA and the rolling mill with production capacity of Rounds, square TMT/MS Bars, Angles, Channel, Flats etc @ 1,75,000 TPA.

Now the promoter company has applied for obtaining amendment in the said Environmental Clearance. The amendment has been sought only for installation of 2 no. furnaces having capacities 1x30 TPH & 1x15 TPH at the place of 3 no. induction furnaces (3X15TPH). The project proponent has submitted that the said amendment is sought only as technology upgradation measures. There is no increase in the production capacity as well as raw material utilization, process etc with this amendment. No fee for processing of application has been obtained as the project proponent had already deposited adequate fee at the time of obtaining environmental clearance and now the project proponent has applied for only amendment in the EC and no there is no change in the project cost.

**1.0 Deliberations during 198<sup>th</sup> meeting of SEAC held on 05.04.2021**

The matter was considered by SEAC in its 198<sup>th</sup> meeting held on 05.04.2021 and it was attended by the following:

1. Sh. Binny Gupta, Director.
2. Sh. Sital Singh, EIA Coordinator, M/s CPTL E-126,IA, Phase-3, SAS Nagar.

SEAC observed that the amendment as sought by the Project Proponent is only on account of change in number of furnaces without change in total capacity/ production capacity as well as raw material utilization, process etc. As such, the case can be considered for issuing amendment in the Environment Clearance.

After detailed deliberations, SEAC decided to forward the application to SEIAA with recommendation to issue amendment in the Environment Clearance granted under EIA notification vide no. 3306 dated 05.11.2020, as under:

Machinery for which amendment is sought	Before amendment	After amendment
Induction furnaces	3 no. furnaces of 15TPH capacity each (3x 15TPH)	2 no. furnaces of 30 TPH & 15 TPH capacity (1x 30TPH and 1x 15 TPH)



**Item No. 198.05: Application for obtaining extension in the Environmental clearance granted under EIA notification dated 14.09.2006 to M/s Surya Industries for establishment of cement grinding unit of capacity 150 TPD at Sadiq Road, Faridkot, Distt Faridkot.(Proposal No. SIA/PB/IND/197566/2021.**

The project proponent was granted Environmental Clearance under EIA notification for establishment of cement grinding unit of capacity 150 TPD at Sadiq Road, Faridkot, Distt Faridkot vide no. 1942 dated 11.05.2013. In light of O.M dated 12.04.2016 the EC of the project was valid upto 10.05.2020. Further vide OM dated 18.01.2021, the MoEF has mandated that the period from the 1 April, 2020 to the 31<sup>st</sup> March, 2021 shall not be considered for the purpose of calculation of the period of validity of prior Environmental Clearance granted under the provisions of this notification in view of outbreak of Corona Virus and subsequent lockdown (total or partial) declared for its control, however, all activities undertaken during this period in respect of the Environmental Clearance granted shall be treated as valid. Thus, the EC of project proponent can be treated to be valid upto 10.05.2021.

The project proponent has applied for extension in the said Environmental Clearance before the expiry of the EC and as per the EIA notification dated 14.09.2006 the validity can be extended for 3 years i.e. upto 10.05.2024. The project proponent submitted the due to certain reasons no construction could be carried out at the site till date. The project proponent has deposited Rs. 13,860/- through NEFT as processing fee for the application extension of EC.

**1.0 Deliberations during 198<sup>th</sup> meeting of SEAC held on 05.04.2021**

The matter was considered by SEAC in its 198<sup>th</sup> meeting held on 05.04.2021 and it was attended by the following:

1. Sh. Bharat Bhusan, Partner.
2. Sh. Sital Singh, EIA Coordinator, M/s CPTL E-126,IA, Phase-3, SAS Nagar.

SEAC observed that the project proponent has applied for extension in the Environmental Clearance granted for establishment of cement grinding unit of capacity 150 TPD at Sadiq Road, Faridkot, Distt Faridkot vide no. 1942 dated 11.05.2013.

As per the provisions of EIA notification 14.09.2006 and MoEF OM dated 18.01.2021, SEAC decided to recommend SEIAA to extend the Environment Clearance granted vide letter no. 1942 dated 11.05.2013 for establishment of cement grinding unit of capacity 150 TPD at Sadiq Road, Faridkot, Distt Faridkot, upto 10.05.2024.

**Item no. 198.06: Application amendment in Environmental Clearance for installation of neutralizers (Alkali Scrubbers) in our own premises for treatment of waste chlorine/acid vapors at Plot no. 1(A+B+C+D), village Khaduali, Tehsil Rajpura, District Patiala, by M/s Flowtech Chemicals Pvt. Ltd.(Proposal No. SIA/PB/IND2/194570/2021).**

**1.0 Background :**

Earlier, the project proponent was granted Environment Clearance under the EIA notification dated 14.09.2006 vide no. 2511 dated 10.06.2016 for manufacturing of Chlorinated Paraffin 14,560 MTA and Hydrochloric acid 29,120 MTA. Now the project proponent has applied for obtaining amendment in the said Environment Clearance with amendment given as under:

S.N	Particulars	Capacity in MTA (Before Amendment)	Capacity in MTA (After Amendment)
1.	Chlorinated paraffin wax	14560	14560
2.	Hydrochloric Acid	29120	29120
3.	Water Consumption (KLD)	85	85
4.	Sodium Hypo Chlorite	Earlier the neutralization was carried out at SIEL complex.	242 MTA. The project proponent has proposed to set up neutralization at site.

The said amendment has been sought as project proponent has proposed to install neutralizer in its own complex. The project proponent has deposited Rs. 37,400/- as processing fee for the amendment in the Environment Clearance.

**1.0 Deliberations during 198<sup>th</sup> meeting of SEAC held on 05.04.2021**

The matter was considered by SEAC in its 198<sup>th</sup> meeting held on 05.04.2021 and it was attended by Sh. Sital Singh, EIA Coordinator, M/s CPTL E-126,IA, Phase-3, SAS Nagar, on behalf of the Project Proponent.

Sh. Preet Mohinder Singh Bedi, and Sh. Pawan Krishan Garg, Members SEAC raised observation that the industry needs to be visited to study the environmental impact, if any, due to addition of neutralization plant for production of sodium hypo-chlorite.

After detailed deliberations, SEAC decided that Sh. Pawan Krishan Garg, Member SEAC along with Sh. Nikhil Gupta, AEE will visit the site and submit their report in the next meeting of SEAC to be held on 19.04.2021.

**Item no. 198.07: Application amendment in Environmental Clearance for installation of neutralizers (Alkali Scrubbers) in our own premises for treatment of waste chlorine/acid vapors at Plot no. 2(A+B+C+D), village Khaduali, Tehsil Rajpura, District Patiala, by M/s Ajanta Chemicals Industries.(Proposal No. SIA/PB/IND2/196609/2021).**

**1.0 Background :**

Earlier, the project proponent was granted Environment Clearance under the EIA notification dated 14.09.2006 vide no. 2581 dated 10.06.2016 for manufacturing of Chlorinated Paraffin 14,560MTA and Hydrochloric acid 29,120 MTA. Now the project proponent has applied for obtaining amendment in the said Environment Clearance with amendment given as under:

S.N.	Particulars	Capacity in MTA (Before Amendment )	Capacity in MTA (After Amendment)
1.	Chlorinated paraffin wax	14560	14560
2.	Hydrochloric Acid	29120	29120
3.	Water Consumption (KLD)	86	86
4.	Sodium Hypo Chlorite	Earlier the neutralization was carried out at SIEL complex.	242 MTA. The project proponent has proposed to set up neutralization at site.

The said amendment has been sought as project proponent has proposed to install neutralizer in its own complex. The project proponent has deposited Rs. 29,100/- as processing fee for the amendment in the Environment Clearance.

**1.0 Deliberations during 198<sup>th</sup> meeting of SEAC held on 05.04.2021**

The matter was considered by SEAC in its 198<sup>th</sup> meeting held on 05.04.2021 and it was attended by Sh. Narender Sharma, on behalf of Project Proponent and Sh. Sital Singh, EIA Coordinator, M/s CPTL, SAS Nagar, on behalf of the Project Proponent.

Sh. Preet Mohinder Singh Bedi, and Sh. Pawan Krishan Garg, Members SEAC raised observation that the industry needs to be visited to study the environmental impact, if any, due to addition of neutralization plant for production of sodium hypo-chlorite.

After detailed deliberations, SEAC decided that Sh. Pawan Krishan Garg, Member SEAC along with Sh. Nikhil Gupta, AEE will visit the site and submit their report in the next meeting of SEAC to be held on 19.04.2021.

**Item no. 198.08: Application for Environmental Clearance under EIA notification dated 14.09.2006 for the establishment of commercial project namely "Mohali Citi Centre" located at Block-F, Aerocity, Mohali, SAS Nagar (Punjab) by M/s KLG Jewellers (SIA/PB/MIS/201862/2021).**

The project proponent has filed an application for obtaining Environment Clearance under EIA notification, 2006 for establishment of residential project namely "Mohali Citi Centre" located at **Block-F, Aerocity, Mohali, SAS Nagar (Punjab)** with proposed built up area as 52920.484 sq.m. Project is covered under Activity 8(a) & Category 'B2' as per EIA notification-2006.

The project proponent submitted the Form I, 1A and other additional documents. They have also deposited the processing fee amounting to Rs. 1,05,864.16 has been paid vide through NEFT. PPCB was requested to send the latest construction status report of the project through e-mail on 25.03.2021. The status report is yet awaited.

The summary of the project is given as under:

<b>S. No.</b>	<b>Description</b>	<b>Details</b>
1.	Name & Location of the project	Commercial Project namely "Mohali Citi Centre" at Block-F, Aerocity, Mohali, SAS Nagar, Punjab by M/s KLG Jewellers.
2.	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006	The project falls under Schedule 8(a) - 'Building & Construction Project' Category B as the built-up area of project is 52,920.484 sq. m.
3.	Copy of the Master plan duly marked with the project site	As per Master Plan of SAS Nagar, the project site falls in Mixed landuse 1.
4.	Proof of ownership of land mentioning Khasra no. & ownership details (Latest Jamabandi or Registry)	GMADA has allotted 4 acres of land for development of commercial project; copy of allotment letter by GMADA was enclosed with the application.
5.	Does it attract the general condition? If yes, please specify	No
6.	Whether the proposal involves approval/clearance under the Forest (Conservation) Act,1980	No. The project does not involve any forest land.
7.	Does the project cover under PLPA, 1900	No

8.	<p>If the project falls within 10 km of eco-sensitive area/ National park/ Wild Life Sanctuary. If yes,</p> <p>a. Name of eco-sensitive area/ National park/ Wild Life Sanctuary and distance from the project site.</p> <p>b. Status of clearance from the National Board for Wild Life (NBWL).</p>	<p>No, Eco-sensitive area/ National park/ Wild Life Sanctuary falls within 10 km of the project site.</p>																																																						
9.	<p>Cost of the project</p>	<p>The estimated project cost is Rs. 206.00 Crores including land and development.</p>																																																						
10.	<p>Processing Fee details (Amount/NEFT no./dated)</p>	<p>Processing fees for Environmental Clearance application has been calculated @ Rs. 2 / sq. m. of total built up area. Thus, Rs. 1,05,864.16 has been paid vide UTR No. SBIN121062755104-874133 dated 03.03.2021.</p>																																																						
11.	<p>Detail of various components</p> <table border="1" data-bbox="232 961 1456 1083"> <thead> <tr> <th>S.no.</th> <th>Description</th> <th>Particulars</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Plot Area (4 acres)</td> <td>16,187.29</td> <td>sq. m.</td> </tr> <tr> <td>2.</td> <td>Built-up Area</td> <td>52,920.484 sq. m.</td> <td>sq. m.</td> </tr> </tbody> </table>		S.no.	Description	Particulars	Unit	1.	Plot Area (4 acres)	16,187.29	sq. m.	2.	Built-up Area	52,920.484 sq. m.	sq. m.																																										
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13.	<p>Details of acknowledgement of application filed to CGWA/ Competent Authority for obtaining permission for abstraction of ground water.</p>	<p>The source of water during operation phase will be from GMADA. Thus, there is no need of obtaining permission for bore wells.</p>																																																						
14.	<p>Specify block of project site as</p>	<p>The project falls under non-notified &amp; over-exploited</p>																																																						

	per CGWA norms (Notified/ Non Notified)	zone. However, as per the latest Notification, CGWA is not processing the ground water application for Punjab state. Punjab Water Regulation and Development Authority (PWRDA) deals with permission for abstraction of ground water. Thus, the project site falls in Kharar block of Distt. S.A.S. Nagar which is over-exploited and falls in yellow category as per the block wise ground water resources category and status by Punjab Guidelines for Groundwater Extraction and Conservation, 2020.																				
15.	Details of Wastewater generation, Treatment facility & its Disposal arrangements in Construction Phase	During Construction Phase, wastewater generation will be treated in septic tank.																				
16.	Details of Wastewater generation, Treatment facility & its Disposal arrangements in Operation Phase and if wastewater being disposed in MC sewer then also mention the details of NOC from competent authority	During Operation Phase, the wastewater generation will be 328 KLD which will be treated in proposed STP of 330 KLD capacity based on MBBR technology followed by UF treatment. The details of the breakup of the utilization of treated wastewater is as under: -																				
		<table border="1"> <thead> <tr> <th>Season</th> <th>Flushing (KLD)</th> <th>Green area (KLD)</th> <th>HVAC (KLD)</th> <th>GMADA Sewer (KLD)</th> </tr> </thead> <tbody> <tr> <td>Summer</td> <td>164</td> <td>2</td> <td>-</td> <td>159.3</td> </tr> <tr> <td>Winter</td> <td>164</td> <td>1</td> <td>-</td> <td>160.4</td> </tr> <tr> <td>Monsoon</td> <td>164</td> <td>0.2</td> <td>-</td> <td>160.8</td> </tr> </tbody> </table>	Season	Flushing (KLD)	Green area (KLD)	HVAC (KLD)	GMADA Sewer (KLD)	Summer	164	2	-	159.3	Winter	164	1	-	160.4	Monsoon	164	0.2	-	160.8
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17.	Details of Rainwater recharging/ Harvesting (m <sup>3</sup> /hr) proposal & technology proposed to be adopted	Total 4 no. of Rain water recharging pits are being proposed for rain water recharging within the project premises.																				
18.	Details of Solid waste generation (Qty), treatment facility and its disposal arrangement	a) 1642 kg/day b) The solid waste shall be duly segregated into biodegradable, non-biodegradable and non-hazardous waste components as per SWM Rules, 2016.																				
19.	Detail of DG sets	Total 1 no. of DG set of capacity 500 kVA have been proposed for power back up.																				
20.	Energy Requirements & Saving	4,941 KW from Punjab State Power Corporation Limited (PSPCL). <b>Energy Saving measures:</b>																				

		Also, solar panels have been proposed on the roof top of the building. The total area covered by solar panels is 1430 m <sup>2</sup> (which is 30% of roof top area i.e. 4,085.50 m <sup>2</sup> ) which will generate 116.4 KW of power generation.															
21.	Details of Environmental Management Plan	<table border="1"> <thead> <tr> <th>S. No</th> <th>Environmental Protection Measures</th> <th>Capital Cost Rs. Lakh</th> <th>Recurring Cost Rs. Lakh</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Construction</td> <td>214</td> <td>11</td> </tr> <tr> <td>2.</td> <td>Operation</td> <td>-</td> <td>12</td> </tr> </tbody> </table>				S. No	Environmental Protection Measures	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakh	1.	Construction	214	11	2.	Operation	-	12
S. No	Environmental Protection Measures	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakh														
1.	Construction	214	11														
2.	Operation	-	12														
22.	<p>Details of green belt development shall include following:</p> <p>a) No. of tree to be planted against the requisite norms.</p> <p>b) Percentage of the area to be developed.</p>	<p>a) No. of trees required = 1 Tree per 80 sq.m. of plot area = 16,187.29/ 80 = 202 trees No. of trees proposed = 210 trees</p> <p>b) Green Area proposed = 323 sq. m</p>															

### 1.0 Deliberations during 198<sup>th</sup> meeting of SEAC held on 05.04.2021

The matter was considered by SEAC in its 198<sup>th</sup> meeting held on 05.04.2021 and it was attended by the following:

1. Sh. Kashish Goyal, Director.
2. Ms. Priyanka Madan, EIA Coordinator, M/s Eco Laboratories and Consultants Pvt. Ltd.

SEAC was apprised that the status report from Punjab Pollution Control Board was received through e-mail on 05.04.2021. The Committee Members observed that since the report of PPCB was received on the day of the meeting and they would like to go through the contents of the report before considering the said case and requested to defer the case for the next meeting.

After detailed deliberations, SEAC decided to defer the case till the next meeting.

**Item no. 198.09: Application for Environmental Clearance under EIA notification dated 14.09.2006 for the establishment of commercial project namely "Galaxy Heights II" located at Sector-66A, Mohali, Distt. SAS Nagar, Punjab by M/s JLPL (SIA/PB/MIS/206248/2021).**

The project proponent has filed an application for obtaining Environment Clearance under EIA notification, 2006 for establishment of residential project namely "Mohali Citi Centre" located at **sector 66A, Mohali, SAS Nagar (Punjab)** with proposed built up area as 48,336.64. Project is covered under Activity 8(a) & Category 'B2' as per EIA notification-2006. The project is a part of Super Mega Mixed Use Integrated Industrial Park at Sector 82, 83 & 66A, SAS Nagar Mohali developed by M/s JLPL for which the EC was granted vide no. 8257 dated 16.12.2015.

The project proponent submitted the Form I, 1A and other additional documents. They have also deposited the processing fee amounting to Rs. 96,675/- has been paid vide DD no. 357964 dated 30.03.2021. PPCB was requested to send the latest construction status report of the project through e-mail on 26.03.2021. The status report is yet awaited.

The summary of the project is given as under:

<b>Sr. no.</b>	<b>Description</b>	<b>Details</b>
1.	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006	The project falls under Schedule 8(a) - 'Building & Construction Project' Category B. The built-up area of the proposed project will be 48,336.64 sq.m.
2.	Proof of ownership of land mentioning Khasra no. & ownership details (Latest Jamabandi or Registry)	Project is a part of Super Mega Mixed Use Integrated Industrial Park at Sector 82, 83 & 66A, SAS Nagar
3.	Details as per CLU certificate like Khasra no., Project area (Existing & after expansion)	
4.	Whether the proposal involves approval/ clearance under the Forest (Conservation) Act, 1980	



5.	Does the project cover under PLPA, 1900								
6.	If the project falls within 10 km of eco-sensitive area/ National park/ Wild Life Sanctuary. If yes, a. Name of eco-sensitive area/ National park/ Wild Life Sanctuary and distance from the project site.  b. Status of clearance from the National Board for Wild Life (NBWL).								
7.	Classification/ Land use pattern as per Master Plan	Copy of Master plan of SAS Nagar showing the project site was attached along with application.							
8.	Cost of the project	The estimated project cost for proposed development is Rs. 90 Crores.							
9.	Processing Fee details (Amount/ NEFT no./ dated)	Built-up area of Galaxy Heights = 48,336.64 sq.m. Thus, Fees to be paid= Rs. 96,675/-							
10.	Detail of various components								
	<b>S. No.</b>	<b>Description</b>	<b>Particulars</b>						
	1.	Plot Area (acres)	14,528.19						
	2.	Built-up Area	48,336.64						
11.	Breakup of Water Requirements & source in Operation Phase (Summer, Rainy, Winter):								
	<b>S.No</b>	<b>Season</b>	<b>Freshwater</b>	<b>Reuse water</b>	<b>Total (KLD)</b>				
			<b>Domestic (KLD)</b>	<b>Others (KLD)</b>	<b>Flushing (KLD)</b>	<b>Green area (KLD)</b>	<b>HVAC (KLD)</b>	<b>Sewer (KLD)</b>	
	1.	Summer	95	-	32	21	-	47	195
	2.	Winter	95	-	32	7	-	61	195
	3.	Rainy	95	-	32	2	-	76	205
	<b>S. No.</b>	<b>Description</b>	<b>Source of water</b>						
	1.	Domestic	Bore Wells						
	2.	Flushing purposes	Treated water						
	3.	Green area	Treated water						

12.	Details of acknowledgement of application filed to CGWA/ Competent Authority for obtaining permission for abstraction of ground water.	The project is part of the Super Mega Mixed Use Integrated Industrial Park Project being developed by M/s Janta Land Promoters Pvt. Ltd. Thus, the common borewells will be used to withdrawal the ground water. Application has been filed to CGWA for Super Mega Mixed Use Integrated Industrial Park Project.																				
13.	Specify block of project site as per CGWA norms (Notified /Non Notified)	The project is part of the Super Mega Mixed Use Integrated Industrial Park Project being developed by M/s Janta Land Promoters Pvt. Ltd.																				
14.	Details of Wastewater generation, Treatment facility & its Disposal arrangements in Construction Phase	During construction phase, water demand will be 6 KLD which will be fulfilled by treated water from STP of GMADA located within Sector-83, Mohali. Fresh water demand of 16 KLD for construction laborers will be fulfilled by existing borewells of Super Mega Mixed Use Integrated Industrial Park Project.																				
15.	Details of Wastewater generation, Treatment facility & its Disposal arrangements in Operation Phase and if wastewater being disposed in MC sewer then also mention the details of NOC from competent authority	<p>During Operation Phase, the wastewater generation will be 112 KLD which will be treated in GMADA STP of 45 MLD capacity. The details of the breakup of the utilization of treated wastewater is as under:</p> <table border="1"> <thead> <tr> <th>Season</th> <th>Flushing (KLD)</th> <th>Green area (KLD)</th> <th>HVAC (KLD)</th> <th>GMADA Sewer (KLD)</th> </tr> </thead> <tbody> <tr> <td>Summer</td> <td>32</td> <td>21</td> <td>-</td> <td>47</td> </tr> <tr> <td>Winter</td> <td>32</td> <td>7</td> <td>-</td> <td>61</td> </tr> <tr> <td>Monsoon</td> <td>32</td> <td>2</td> <td>-</td> <td>76</td> </tr> </tbody> </table> <p>NOC has been obtained from GMADA for disposal of excess treated water.</p>	Season	Flushing (KLD)	Green area (KLD)	HVAC (KLD)	GMADA Sewer (KLD)	Summer	32	21	-	47	Winter	32	7	-	61	Monsoon	32	2	-	76
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Winter	32	7	-	61																		
Monsoon	32	2	-	76																		
16.	Details of Rainwater recharging/ harvesting (m <sup>3</sup> /hr.) proposal & technology proposed to be adopted	Total 6 no. of Rain water recharging pits has been proposed for rain water recharging within the project premises.																				
17.	Details of Solid waste generation (Qty), treatment facility and its disposal arrangement	During Operation Phase, about 598 kg/day (@ 0.40 kg/capita/day for residential and @ 0.2 kg/capita/day for floating) of solid waste will be generated. The solid waste will be disposed off as per Solid Waste Management Rules. Biodegradable waste will be converted into manure by use of common composter of 300 kg. While, non-biodegradable waste & hazardous waste will be disposed off to authorized vendors.																				

18.	Detail of DG sets	2 DG sets of capacity 1,000 kVA each (2 no. working and 1 no. for standby use) have been proposed.			
19.	Air pollution control device details	DG set will provided with acoustic enclosure and run on HSD fuel.			
20.	Energy Requirements & Saving	Total power demand for the proposed project will be 1,200 KW (design load) which will be provided by Punjab State Power Corporation Limited. <b>Energy Saving measures:</b> Solar panels have been proposed on the roof top of the proposed blocks. The total area covered by solar panels is 771.921 m <sup>2</sup> (which is 30% of proposed terrace area i.e. 2573.07 m <sup>2</sup> ) which will generate 64 KW of power generation.			
21.	Details of Environmental Management Plan				
		<b>S.N</b>	<b>Environmental Protection Measures</b>	<b>Capital Cost Rs. Lakh</b>	<b>Recurring Cost Rs. Lakh</b>
		1.	Construction	106	12
		2.	Operation	-	15.1
22.	Details of green belt development shall include following: a) No. of tree to be planted against the requisite norms. b) Percentage of the area to be developed.	No. of trees required = 1 Tree per 80 sq.m. of plot area = 14,528.19 / 80 = 182 trees No. of trees proposed = 185 trees  Green Area required = 3,632.049 sq.m. (@ 25% of plot area) Green Area proposed = 3,753.11 sq.m. (@ 25.83% of total plot area)			

### 1.0 Deliberations during 198<sup>th</sup> meeting of SEAC held on 05.04.2021

The matter was considered by SEAC in its 198<sup>th</sup> meeting held on 05.04.2021 and it was attended by Ms. Priyanka Madan, EIA Coordinator, M/s Eco Laboratories & Consultants Pvt. Ltd.

SEAC was apprised that the status report from Punjab Pollution Control Board was received through e-mail on 05.04.2021. The Committee Members observed that since the report of PPCB was received on the day of the meeting and they would like to go through the contents of the report before considering the said case and requested to defer the case for the next meeting.

After detailed deliberations, SEAC decided to defer the case till the next meeting.

**Item No. 198.10 Application for issuance of TORs for Steel Manufacturing Unit namely M/s Madhav KRG HRC Pvt. Ltd. (MKHPL) with production capacity of the proposed unit will be 0.95 Million tonnes per annum (or 9,50,000 TPA) of Hot Rolled Coil (HRC) by installation of 4 no's Induction Furnaces of capacity 50 TPH each, rolling mill and reheating furnace of capacity 150 TPH at Village Akalgarh & Bhagwanpura, Amloh-Bhadson Road, Near Toll Plaza, Tehsil Nabha & Amloh, Distt. Patiala & Fatehgarh Sahib, Punjab Fatehgarh Sahib, Punjab. (Proposal No. SIA/PB/IND/61014/2021).**

The project proponent has applied for issuance of TORs for Steel Manufacturing Unit namely M/s Madhav KRG HRC Pvt. Ltd. (MKHPL) with production capacity of the proposed unit will be 0.95 Million tonnes per annum (or 9,50,000 TPA) of Hot Rolled Coil (HRC) by installation of 4 no's Induction Furnaces of capacity 50 TPH each, rolling mill and reheating furnace of capacity 150 TPH at Village Akalgarh & Bhagwanpura, Amloh-Bhadson Road, Near Toll Plaza, Tehsil Nabha & Amloh, Distt. Patiala & Fatehgarh Sahib, Punjab Fatehgarh Sahib, Punjab Project is covered under Activity 3(a) & Category 'B1' as per EIA notification-2006.

1. The project proponent submitted the Form I, Pre-feasibility report and other additional documents on online portal. He has also deposited the requisite fee of Rs. 10,27,500/- through NEFT in the account of PSCST.
2. The project proponent during the presentation to the committee be ask to present the applicability of General Condition, suitability of site, land details etc.
3. The Environmental Engineer PPCB, RO Fatehgarh Sahib was requested vide e-mail dated 25.03.2021 to send the latest construction status report and the said report is awaited.

### **1.0 Deliberations during 198<sup>th</sup> meeting of SEAC held on 05.04.2021**

The case was considered by SEAC in its 198<sup>th</sup> meeting held on 05.04.2021 and it was observed that the status report has not been received from Punjab Pollution Control Board.

After detailed deliberations, SEAC decided to defer the case and place in the next meeting only after obtaining the latest status report from the Punjab Pollution Control Board.

**Item No.198.11: Application for Environmental Clearance (under Cat- B2) for 'Expansion' of API and Intermediate Bulk Drug Pharmaceutical manufacturing unit by "M/s Saurav Chemicals Limited" at Village Bhagwanpura Tehsil-Derabassi SAS Nagar, Punjab-140507 (Proposal no SIA/PB/IND2 / 206078 /2021)**

The project proponent was earlier granted Environmental Clearance under the EIA notification 14.09.2006 for setting up of API and Intermediate Bulk Drug Pharmaceutical manufacturing unit by "M/s Saurav Chemicals Limited" at Village Bhagwanpura Tehsil-Derabassi SAS Nagar, Punjab, vide no. 3370 dated 05.11.2020.

Now, the project proponent has applied for obtaining expansion in the said EC due to change in product mix. The project proponent has applied the application as B2 project in light of O.M dated 27.03.2020, 21.05.2020 & 15.10.2020. Since the project has applied for obtaining Environmental Clearance before 31.03.2021, the project can be considered as B2 category project. The project proponent has deposited Rs. 7,48,800/- through NEFT.

**1.0 Deliberations during 198<sup>th</sup> meeting of SEAC held on 05.04.2021**

The matter was considered by SEAC in its 198<sup>th</sup> meeting held on 05.04.2021 and it was attended by the following:

1. Sh. Prit Mohinder Singh, Chief of Operations, on behalf of Project Proponent.
2. Sh. Sital Singh, EIA Coordinator, M/s CPTL E-126,IA, Phase-3, SAS Nagar, on behalf of the Project Proponent.

SEAC allowed the Environmental Consultant of Project Proponent to present the salient features of the project which he presented as under:

	Nature of project (EC for new project/EC for Expansion/ EC for existing & proposed project )	EC for Expansion
	a) Category b) Activity (As per schedule appended to EIA Notification, 2006 as amended time to time)	B2  As per S.O. 1223(E) dated: 27.03.2020,"All proposals for projects or activities in respect of Active Pharmaceutical Ingredients (API) received up to the 30th March 2021, shall be appraised as Category 'B2'
	Whether the project falls in the critical polluted	No

	area notified by MoEF&CC/CPCB. (Yes/No)																	
	<p>Total Project Cost (In Crores) :</p> <p>Total project cost breakup at current price level duly certified by Chartered Engineer/ Approved valuer or Chartered Accountant</p>	<p>Total Project Cost (In Crores) : Rs. 74.88 Crores</p> <p>Total project cost breakup at current price level duly certified by Chartered Engineer/ Approved valuer or Chartered Accountant is following:</p> <table border="1" data-bbox="667 499 1393 779"> <thead> <tr> <th>Description</th> <th>Cost</th> </tr> </thead> <tbody> <tr> <td>Land</td> <td>3.01 Crores</td> </tr> <tr> <td>Civil</td> <td>13.006 Crores</td> </tr> <tr> <td>Mechanical</td> <td>49.844 Crores</td> </tr> <tr> <td>Utility</td> <td>8.002 Crores</td> </tr> <tr> <td>Infrastructure</td> <td>1.023 Crores</td> </tr> <tr> <td>Total Cost</td> <td>Rs 74.88 Crores</td> </tr> </tbody> </table>			Description	Cost	Land	3.01 Crores	Civil	13.006 Crores	Mechanical	49.844 Crores	Utility	8.002 Crores	Infrastructure	1.023 Crores	Total Cost	Rs 74.88 Crores
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Total Cost	Rs 74.88 Crores																	
	Amount of EC Processing Fee deposited by NEFT/DD (Rs. In Lacs)	An amount of Rs. 7,48,800/- has been submitted in the favor of Punjab State Council for Science & Technology, payable at Chandigarh through RTGS vide UTR No.-N083211449965916 dated 24.03.21.																
	Details of technology proposed for control of emissions & effluents generated from project	<table border="1" data-bbox="667 936 1421 1858"> <thead> <tr> <th>PARTICULARS</th> <th>CAPACITY</th> <th>TECHNOLOGY</th> </tr> </thead> <tbody> <tr> <td>ETP</td> <td>150 KLD</td> <td>Total LTDS wastewater generation after expansion will be 130 KLD and will be treated in the ETP based on Physicochemical treatment followed by biological and tertiary treatment. A separate RO has been proposed for the for tertiary treatment and the RO will be utilized in cooling tower and boiler. Ro reject will be sent to MEE for further treatment.</td> </tr> </tbody> </table>	PARTICULARS	CAPACITY	TECHNOLOGY	ETP	150 KLD	Total LTDS wastewater generation after expansion will be 130 KLD and will be treated in the ETP based on Physicochemical treatment followed by biological and tertiary treatment. A separate RO has been proposed for the for tertiary treatment and the RO will be utilized in cooling tower and boiler. Ro reject will be sent to MEE for further treatment.										
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		MEE	60KLD	Total high TDS wastewater generation after expansion will be 46 KLD and will be treated in MEE. MEE condensate will be sent to biological treatment and the MEE concentrate will be sent to TSDF as hazardous waste.
		APCD	As per requirement	Column type packed bag
	Plot Area Details	Total Area – 11.5 Acres Green Area Development- 3.8 Acres (33% of total area)		
	Type of project land as per master plan (Industrial/Agriculture/Any other),  If non industrial land then the details of Land Use Certificate / permissibility Certificate from Competent Authority (DTP/CTP) intimating land use pattern of the project site as per proposals of Master Plan of the area. (Submitted/Not Submitted)	This is an existing industrial land, and expansion project.  The industry is running since 2004, CLU was not required that time.		
	Whether any litigation pending against the project or any direction/order passed by SPCB/ Court of Law against the project, if so, details there of shall also be included.	No litigation is pending.		

<p>Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.</p>	<p>No</p>			
<p>Details of major productive machinery/plant:</p>	<p>S. NO.</p>	<p>NAME OF EQUIPMENT</p>	<p>QUANTITY</p>	<p>CAPACITY</p>
<p>EXISTING</p>				
<p>1 Boiler 2 Nos. 3TPH</p>				
<p>2 Cooling Tower 2 No's 250TR</p>				
<p>3 Cooling Tower 2 No's 400TR</p>				
<p>4 Chilling unit 2 No's 120 &amp; 160 TR</p>				
<p>5 RO Plant 1 No 200 KLD</p>				
<p>6 MEE 1 No 60KLD</p>				
<p>7 DG Sets 4 No's 380 KVA+650 KVA</p>				
<p>AFTER EXPANSION*</p>				
<p>1 Boiler 2 No's 5TPH each</p>				
<p>2 Cooling Tower 5 No's 250TR each</p>				
<p>3 Cooling Tower 5 No's 400TR each</p>				
<p>4 Chilling unit 4 No's 200 TR each</p>				
<p>5 RO Plant 1 No 200 KL/Day</p>				
<p>6 MEE 1 No 60KLD</p>				
<p>7. ETP 1 no. 150 KLD</p>				



		8.	Agitated Thin Film Drier (ATFD)	1 no.	500 kg/Hr
		9.	DG Sets	8 No's	650 KVA each
	Details of Emissions (After expansion)	During the manufacture various drugs products, traces HCL, H2SO4 gas shall be generated. In order to control the emissions to be generated from additional proposed products 11 packed bag column scrubber will be installed			
Hazardous/Non-Hazardous Waste Generation details & their storage, utilization and its disposal. Copy of Agreement clearly mentioning the Quantity					
	Description	Cat. No.	UOM	Proposed for EC	Proposed Disposal
	Used/Spent Oil	5.1	KL/Y	7	Will be given to registered recyclers.
	Process Residue & Wastes	28.1	MT/Y	3177	Authorized Co-processors
	Spent Catalyst/Spent Carbon	28.2 & 28.3	MT/Y	55	-do-
	Off Specification Products/date expired products	28.4 & 28.5	MT/Y	3.5	-do-
	Spent Solvents	28.6	MT/Y	5255	-do-
	Discarded containers/barrels/Liners	33.1	Nos/Y	40000	Will be given to registered recyclers.
	Discarded Plastic bags/Sheets	33.1	MT/Y	16	Will be given to registered recyclers.
	Chemicals Sludge from wastewater treatment	35.3	MT/Y	2190	Common TSDF

	Spent Carbon or Filter medium	36.2	MT/Y	51	Authorized Co-processors
	Concentration or evaporation residue	37.3	MT/Y	821	Common TSDF
Solid waste generation in Operation Phase:	Waste		Post Project (TPA)		
	Card board		10		
	Wooden Pallets		20		
	Packing materials		8		
	Waste from the canteen		35		
Details of the block in which the project site is located as per CGWA guideline (Notified/ Non-Notified area and name of block)	Derabassi Block Non-Notified, Over exploited				
Breakup of Water Requirements & its source in Operation Phase:	Water requirement				
	S. NO.	DESCRIPTION	Fresh water requirement (KLD)	Water demand to be met from permeate of RO (KLD)	
	1	Process wastewater (HTDS)	30.0	-	
	2	Washing	15	-	
	3	Domestic	10	-	
	4	Cooling tower	21	45	
	5	Boiler	24	60	
	6	Gardening	84	-	
TOTAL			184.0 KLD	105 KLD	

Water balance chart for Summer, Rainy and Winter seasons (Submitted/Not Submitted)	Submitted								
Rain Water utilization proposal during monsoons (Submitted/Not Submitted)	Submitted								
Rain Water Harvesting proposal (within/outside premises) along with NOC from concerned village sarpanch (Submitted/Not Submitted)	<p>Outside: - For RWH, two ponds of Fatehpur and Samgauli village are adopted. In the pond, three filling will be done and total 267020.25 Kl/annum water will be recharged. NOC for RWH from concerned Panchayat has been obtained.</p> <p>Inside:- As per PPCB letter no.- EE(ZP-1)/2007/PTA/LM/124/10735 dated 05/09/2007 issued to industry, being Pharmaceutical unit highly, the industry cannot be allowed to construct rain water harvesting system inside the premises.</p>								
Block wise details of no. of trees to be planted in proposed greenbelt area(1500 Trees to be planted @ 10000 Sqm area):	As per guidelines, the industry is to plant 1872 numbers of trees. 1650 numbers of trees have already been planted, and remaining 222 trees will be planted in monsoon of year 2021 and 2022.								
Energy requirements & savings:     Energy saving measures to be adopted within industry:	<p>The details of the energy are given below:</p> <table border="1" data-bbox="667 1312 1365 1480"> <thead> <tr> <th>S. No.</th> <th>Description</th> <th>Unit</th> <th>Consumption</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Power load</td> <td>MW</td> <td>5</td> </tr> </tbody> </table> <p>LED shall be used in place of inter lighting. Street lighting shall be done completely with solar energy with details of energy savings are as under: By using LEDs with tube lights (50%) = 75 KW By adopting solar energy for outer Lighting (100%)= 50 KW Total = 125 KW Percentage (125/5000X100) = 2.5 %</p>	S. No.	Description	Unit	Consumption	1.	Power load	MW	5
S. No.	Description	Unit	Consumption						
1.	Power load	MW	5						

## 2.0 Deliberations during 198<sup>th</sup> meeting of SEAC held on 05.04.2021

SEAC raised following observations to the Project Proponent:

Sr. No.	Observations	Reply by the Project Proponent															
1.	The Project Proponent shall give details of the Green area to be developed with in the premises.	Submitted															
2.	The Project Proponent shall submit ultimate the disposal of the Solid waste to be generated from the premises.	Submitted as under:															
	<table border="1"> <thead> <tr> <th>Sr.no.</th> <th>Waste</th> <th>Disposal</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Card Board (10 TPA)</td> <td>To be given to vendor supplying RM to paper manufacturer</td> </tr> <tr> <td>2.</td> <td>Wooden Pellets (20TPA)</td> <td>Used as fuel in inhouse boiler furnace</td> </tr> <tr> <td>3.</td> <td>Packing materials (8 TPA)</td> <td>To authorised recycler</td> </tr> <tr> <td>4.</td> <td>Waste from canteen (35 TPA)</td> <td>To local persons for piggeries</td> </tr> </tbody> </table>	Sr.no.	Waste	Disposal	1.	Card Board (10 TPA)	To be given to vendor supplying RM to paper manufacturer	2.	Wooden Pellets (20TPA)	Used as fuel in inhouse boiler furnace	3.	Packing materials (8 TPA)	To authorised recycler	4.	Waste from canteen (35 TPA)	To local persons for piggeries	
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3.	The Project Proponent shall submit undertaking to the effect that in order to rejuvenate the pond, desilting of the pond will be carried out in the month of April/May every year.	Submitted															

SEAC was satisfied with the presentations given by the Environmental Consultant of Project Proponent and the reply to the observations raised by the SEAC.

After detailed deliberations, SEAC decided to award '**Silver Grading**' to the project proposal under category B2, Activity 5 (f) as per MOEF&CC OM dated 13.04.2020 and to forward the application to SEIAA with the recommendations to grant Environmental Clearance for expansion of pharmaceutical unit at village- Bhagwanpura, Tehsil Dera Bassi, District SAS Nagar by M/s Saurav Chemicals Pvt. Ltd. as per the details mentioned in the application & subsequent presentation /clarifications made by the project proponent & his consultant and conditions are as under:

### I. Statutory compliance

- i. 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. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. 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 the necessary permission from the Central Ground Water Authority/ competent authority concerned, in case of drawl of ground water and also in case of drawl of surface water required for the project. In case of non- grant of permission by CGWA for ground water abstraction, the industry shall make alternative arrangements by using surface water or treated city sewage effluent after obtaining permission from competent authority.
- 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 Punjab 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 project proponent shall comply with the siting criteria, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of units.
- viii. The project proponent shall comply with the CLU conditions imposed by competent authority, if any
- ix. 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.

## **II. 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 systems 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 or NABL accredited laboratories.

- iii. The project proponent shall install a system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area (at least at four locations one for small units) 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 with
- viii. 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.
- ix. Ambient air & noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the MoEF&CC guidelines, maintain the record for the same and all the mitigation measures should be taken to bring down the levels within the prescribed standards.

### **III. 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.
- ii. Low TDS effluent to the tune of 130 KLD will be generated from domestic usage (8 m<sup>3</sup>/day), MEE condensate (63 m<sup>3</sup>/day), washing process (15 m<sup>3</sup>/day), backwash from softener, blow down from cooling towers (20 m<sup>3</sup>/day) and boiler blow down (24 m<sup>3</sup>/day) will be sent directly to ETP having capacity of 150 m<sup>3</sup>/day capacity. At the outlet of the ETP about 120 m<sup>3</sup>/day of treated wastewater will be available, which will be sent to Reverse Osmosis system having a capacity of 200m<sup>3</sup>/day. RO permeate to the tune of 105 m<sup>3</sup>/day will be generated, out of which 45 m<sup>3</sup>/day will be used in the cooling tower as make up remaining 60 m<sup>3</sup>/day will be used in

the Boiler. Rejects form RO to the tune of 15 m<sup>3</sup>/day will be sent to Multiple Effect Evaporator having a capacity of 60 m<sup>3</sup>/day. The concentrate of the MEE will be sent to ATFD having capacity 500 kg/Hr or any other robust system based on State-of-the Art Technology will be adopted to handle the concentrate of MEE.

- 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 184 KLD. 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 store the rainwater from the roof tops of the buildings and utilize the same for different industrial operations within the plant.
- vii. Water demand during construction should be reduced by use of ready mixed concrete, curing agents and other best practices.
- viii. Provide electromagnetic flow meter at intake of water supply from the at the borewell for abstraction of ground water if any, outlet of the ETP/STP and any pipeline to be used for re-using the treated wastewater back into the system and for horticulture purpose/green belt etc.
- ix. A proper record regarding groundwater abstraction, water consumption, its reuse and disposal shall be maintained on daily basis and shall maintain a record of readings of each such meter on daily basis.
- x. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.
- xi. Separation of drinking water supply, treated sewage supply and treated permeate line leading back to the process water should be done by the use of different colors.

#### **IV. 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 EPA Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time

#### **V. Energy Conservation measures**

- i. The energy sources for lighting purposes shall preferably be LED based.
- ii. The project proponent shall make efforts to ensure the reduction of overall power demand which may be met by solar system including the provision of solar water heating or through any other innovative environment friendly techniques.

## **VI. Waste management**

- i. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- ii. Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed off after taking the necessary precautions for general safety and health aspects of people with the approval of competent authority. The project proponent will comply with the provisions of Construction & Demolition Waste Rules, 2016. Dust, smoke & debris prevention measures such as wheel washing, screens, barricading and debris chute shall be installed at the site during construction including plastic / tarpaulin sheet covers for trucks bringing in sand & material at the site.
- iii. Construction spoils, including bituminous material and other hazardous material, must not be allowed to contaminate watercourses. The dump sites for such material must be secured, so that they should not leach into the groundwater.
- iv. 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.
- v. 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.
- vi. The Project proponent shall abide by the provisions of Solid Waste Management Rules, 2016 (amended from time to time), if applicable.
- vii. 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



## **VII. Green Belt**

- i. The green belt 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 guide lines in consultation with the State Forest Department. Total 1872 trees to be planted without accounting the shrubs and protect the same with tree guard made of concrete. There are already 1650 plants in the premises and further 222 more trees will be planted in phase manner.

## **VIII. 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. 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.
- 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.
- viii. A first aid room will be provided in the project both during construction and operation phase of the project.

## **IX Validity of Environmental Clearance.**

- i. This environmental clearance will be valid for a period of seven years from the date of its issue or till the completion of the project, whichever is earlier

## **X. Miscellaneous**

- i. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department etc. shall be obtained, by project proponent from the competent authorities including Punjab Pollution Control Board and from other statutory bodies as applicable.
- ii. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority, Punjab.
- iii. The environmental safeguards contained in the application of the promoter / mentioned during the presentation before State Level Environment Impact Assessment Authority/State Expert Appraisal Committee should be implemented in letter and spirit.
- iv. 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.
- v. 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.
- vi. 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.
- vii. The project proponent shall monitor the criteria pollutants level namely; PM10, SO<sub>2</sub>, NO<sub>x</sub> (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.
- viii. 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.
- ix. 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.
- x. The project proponent shall inform the Regional Office of the Ministry and PPCB, 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.

- xi. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- xii. 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 SEAC and SEIAA.
- xiii. 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).
- xiv. 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.
- xv. The SEIAA/Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xvi. The SEIAA/ Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xvii. The Regional Office of this Ministry or Punjab Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office and PPCB by furnishing the requisite data / information/monitoring reports.
- xviii. 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.
- xix. 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.

**XI. ADDITIONAL CONDITIONS:**

- i. To achieve the Zero Liquid Discharge, waste water generated from different industrial operations should be properly collected, treated to the prescribed standards and then recycled or reused for the identified uses.
- ii. The project proponent shall make necessary arrangements for the recovery and reuse of steam condensate resulting from the indirect steam applications and shall not allow to discharge such effluents into drain.
- iii. The project proponent shall provide advanced scrubbing systems with proper neutralizing media to handle the acidic/alkaline emissions from storage, handling

& processing activities. Wherever required, packed bed scrubbers will also be provided. The suction and scrubbing systems shall also be designed to handle the inherent odours from such units.

- iv. The project proponent shall provide the Air Pollution Control Devices as proposed by the PPCB to control the emissions generated from the boiler within the prescribed parameter.
- v. The project proponent shall practice rainwater harvesting to maximum possible extent. For this village ponds located at Village Fatehpur and Village Samgauli, Tehsil Dera Bassi, District SAS Nagar shall be adopted for desilting to recharge the rainwater. Pond water will percolate through natural strata (without injection) to augment the ground water and remaining water shall be used for irrigation purposes by pumping method in the nearby fields.



**Item no. 198.12: Application for Environmental Clearance under EIA notification dated 14.09.2006 for the establishment of residential project namely "Falcon View" located at Sector-66A, Mohali, Distt. SAS Nagar, Punjab by M/s JLPL (SIA/PB/MIS/61019/2018).**

The project proponent has filed an application for obtaining Environment Clearance under EIA notification, 2006 for establishment of residential project namely "Falcon View" located at **sector 66A, Mohali, SAS Nagar (Punjab)**. The project is a part of Super Mega Mixed Use Integrated Industrial Park at Sector 82, 83 & 66A, SAS Nagar Mohali developed by M/s JLPL for which the EC was granted vide no. 8257 dated 16.12.2015.

In this regard, it is mentioned here that the project proponent has already filed writ petition, CWP 21351 of 2016 in the Hon'ble Punjab and Haryana High Court with a request to allow the project proponent to not obtain EC for the said project. The contention of the project proponent was that since it had already obtained Environmental Clearance for the Super Mega Mixed Use Integrated Industrial Park at Sector 82, 83 & 66A, SAS Nagar Mohali. The next date of the case is 24.05.2021.

The application now submitted by the project proponent has not been accepted and is pending at the scrutiny stage. By way of applying the project proponent is taking dual stand by on one hand approaching the Hon'ble Punjab and Haryana High Court for getting exemption for obtaining EC for the project namely "Falcon View" and on the other hand applying the EC to the SEIAA. Thus, since the matter is sub-judiced, decision may be taken regarding acceptance of application of the project proponent and consideration by SEAC for grant of EC for the construction of residential project namely "Falcon View".

**1.0 Deliberations during 198<sup>th</sup> meeting of SEAC held on 05.04.2021**

The case was considered by SEAC in its 198<sup>th</sup> meeting held on 05.04.2021. SEAC observed that since the matter is sub-judice in the Punjab & Haryana High Court, no action is required to be taken in this regard at this stage.

After detailed deliberations, SEAC decided to recommend the SEIAA asunder:

*"The application of the Project Proponent for obtaining Environment Clearance for the project namely "Falcon View" located at **sector 66A, SAS Nagar (Punjab)** in the Super Mega Mixed Use Integrated Industrial Park at Sector 82, 83 & 66A, SAS Nagar Mohali submitted vide proposal no. SIA/PB/MIS/61019/2018 be returned to the Project Proponent as the matter is sub-judice."*

**Item no. 198.13: Application for Environmental Clearance under EIA notification dated 14.09.2006 for Environmental Clearance of expansion of out proposed project "Chemical and APIs production unit situated at Village & Post – Fatehgarh Channa, Mansa Road, District- Barnala, Punjab by IOL chemicals and Pharmaceuticals Ltd. ( Proposal No. SIA/PB/IND2/176029/2020).**

The project unit is a Chemical and APIs manufacturing unit located at village & Post -Fatehgarh Channa, Mansa Road, District Barnala. Earlier, the project proponent obtained Environment Clearance from the MoEF&CC vide no. F.No. J-11011/976/2018-IA II (i) dated 23.08.2019 for production of Chemicals and API product @ 654.95 MTD.

Now, the project proponent has applied for obtaining expansion in Environment Clearance for production and API product @ 890.35 MTD. The project proponent has deposited Rs. 37,90,000/- through Demand Draft. The project proponent has applied the application as B2 project in light of O.M dated 27.03.2020, 21.05.2020 & 15.10.2020. Since the project has applied for obtaining Environmental Clearance before 31.03.2021, the project can be considered as B2 category project.

The Punjab Pollution Control Board was requested to send latest construction status report through e-mail on 10.03.2021 and the Punjab Pollution Control Board vide letter no. 1419 dated 30.03.2021.

MoEF&CC has sent the compliance report of the Environment Clearance granted previously vide letter no. F.No. 5-85/2007-RO(NZ/Vol:VIII/40-41-42 dated 13.01.2021.

The summary of the project is given as under:

1.	Nature of project (EC for new project/EC for Expansion/ EC for existing & proposed project )	Expansion of Chemicals and APIs production unit at Village Fatehgarh Channa, Mansa Road District Barnala – 148101, Punjab By IOL Chemicals and Pharmaceuticals Limited.
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2.	a) Category b) Activity (As per schedule appended to EIA Notification, 2006 as amended time to time)	B2 Activity- 5(f) Synthetic organic chemicals industry (dyes & dye intermediates; Bulk. <i>As per MoEF&amp;CC, New Delhi EIA amendment notification vide S.O. 1223 (E) dated 27.03.2020 &amp; Office Memorandum no. F.NO. 22-25/2020-IA.III dated-13.04.2020, All API's projects treated as B-2 category.</i>																																		
3.	a. Total Project Cost (In Crores) :  b. Total project cost breakup at current price level duly certified by Chartered Engineer/ Approved valuer or Chartered Accountant	<table border="1" data-bbox="667 533 1419 1350"> <thead> <tr> <th data-bbox="667 533 789 764">S.No.</th> <th data-bbox="789 533 954 764">Description</th> <th data-bbox="954 533 1096 764">Existing (Rs. in Crores)</th> <th data-bbox="1096 533 1208 764">Proposed (Rs. in Crores)</th> <th data-bbox="1208 533 1419 764">Total Cost (Rs. in Crores)</th> </tr> </thead> <tbody> <tr> <td data-bbox="667 764 789 957">1.</td> <td data-bbox="789 764 954 957">Cost of Land at current price level</td> <td data-bbox="954 764 1096 957">39.69</td> <td data-bbox="1096 764 1208 957">10</td> <td data-bbox="1208 764 1419 957">49.69</td> </tr> <tr> <td data-bbox="667 957 789 1037">2.</td> <td data-bbox="789 957 954 1037">Building</td> <td data-bbox="954 957 1096 1037">94.44</td> <td data-bbox="1096 957 1208 1037">66.196</td> <td data-bbox="1208 957 1419 1037">160.636</td> </tr> <tr> <td data-bbox="667 1037 789 1157">3.</td> <td data-bbox="789 1037 954 1157">* Plant &amp; Machinery</td> <td data-bbox="954 1037 1096 1157">696.16</td> <td data-bbox="1096 1037 1208 1157">301.91</td> <td data-bbox="1208 1037 1419 1157">998.07</td> </tr> <tr> <td data-bbox="667 1157 789 1276">4.</td> <td data-bbox="789 1157 954 1276">Others Misc Assets</td> <td data-bbox="954 1157 1096 1276">12.44</td> <td data-bbox="1096 1157 1208 1276"></td> <td data-bbox="1208 1157 1419 1276">12.44</td> </tr> <tr> <td colspan="2" data-bbox="667 1276 954 1350"><b>Total</b></td> <td data-bbox="954 1276 1096 1350"><b>842.73</b></td> <td data-bbox="1096 1276 1208 1350"><b>378.10</b></td> <td data-bbox="1208 1276 1419 1350"><b>1220.83</b></td> </tr> </tbody> </table> <p data-bbox="667 1388 1419 1656">* Project proponent shall assess the cost of APCD/ESP/ZLD/ETP/STP/Continuous online monitoring system etc from reputed supplier and shall include it in the Plant and machinery/APCD cost as per Quotation and Environment Management Plan. Accordingly, total project cost should be included in the EIA report.</p>					S.No.	Description	Existing (Rs. in Crores)	Proposed (Rs. in Crores)	Total Cost (Rs. in Crores)	1.	Cost of Land at current price level	39.69	10	49.69	2.	Building	94.44	66.196	160.636	3.	* Plant & Machinery	696.16	301.91	998.07	4.	Others Misc Assets	12.44		12.44	<b>Total</b>		<b>842.73</b>	<b>378.10</b>	<b>1220.83</b>
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4.	Amount of EC Processing Fee deposited by NEFT/DD (Rs. In Lacs)	D.D No : 370747 on dated 28.09.2020 of Rupees 3790000/-																																		



5.	Production Capacity details: Product details under each category are provided in the PFR	Products details given below:-		
<b>S.No</b>	<b>Name of the products</b>	<b>Existing capacity as Per Environment Clearance dated 23.08.2019 (TPD)</b>	<b>Proposed Capacity (TPD)</b>	<b>Total after Expansion (TPD)</b>
1	Ethyl Acetate	300	150	450
2	Acetic Anhydride	70	0	70
3	Ibuprofen	45	15	60
4	Monochloroacetic Acid	40	20	60
5	Acetyl Chloride	32	16	48
6	Iso Butyl benzene	60	0	60
7	Diclofenac Sodium	7	0	7
8	Metformin Hydrochloride	40	10	50
9	Fenofibrate	0.75	0	0.75
10	Clopidogrel Bisulphate	1	0	1
11	Amlodipine	0.25	0	0.25
12	Lamotrigine	0.1	0.4	0.5
13	Phineramine Base	0.1	0	0.1

14	Ibuprofen Lysinate	0.5	0.5	1
15	Ursodeoxycholic Acid	0.25	0	0.25
16	Quetiapine	3	0	3
17	Dex – Ibuprofen	0.5	0	0.5
18	Gabapentin	5	0	5
19	Pantoprazole	1	0	1
20	losartan Potassium	1	0	1
21	Fexofenadine	0.5	0	0.5
22	Ibuprofen Sodium	2	0	2
23	CMIC Chloride	2	-2	0
24	DCMIC Chloride	0.5	-0.5	0
25	FCMIC Chloride	0.5	-0.5	0
26	MIBT	10	10	20
27	Propyl Acetate	20	0	20
28	Intermediate Products			0
	1) HEEP	1	0	1
	2) Methyl-2-amino-3-chloropropionate HCl	0.5	0	0.5
	3) 2-(2-(Aminothiazole-4-yl)-2-[2-(terbutoxycarbonyl)isopropoxyimino]acetic acid (ATTBA)	0.25	0	0.25

	Ceftazidime intermediate			
	4) 2-chloro-3-cyanopyridine Mirtazapine intermediate	0.25	0	0.25
	5) 4'-methyl-2-cyanobiphenyl (OTBN)	1	2	3
	6) m-Phenoxybenzaldehyde	2	0	2
	7) 4-aminobenzamide	2	0	2
	8) p-nitro benzoyl chloride	3	0	3
	9) Vanillin	2	0	2
	10) 2-Butyl-4-Chloro-5-Formylimidazole (BCFI)	0	2	2
29	Folic Acid	0	2	2
30	Dextromethorphan	0	1	1
31	Levitracetam	0	1	1
32	Apixaban	0	1	1
33	Mesalamine	0	1	1
34	Telmisartan	0	0.5	0.5
35	Acelofenac	0	2	2
36	Cytosine	0	1	1
37	MICA Ester	0	1	1
38	MAEM Ester	0	1	1

39	Oxcarbazepine	0	1	1								
	Total	<b>654.95</b>	<b>235.4</b>	<b>890.35</b>								
	Cogeneration (MW)	<b>17</b>	<b>12.75</b>	<b>29.75</b>								
6.	Manpower requirement (After expansion)	<table border="1"> <tr> <td rowspan="2"><b>Man Power in Nos</b></td> <td><b>Existing</b></td> <td><b>Proposed</b></td> </tr> <tr> <td>1850</td> <td>500 (Expansion)</td> </tr> <tr> <td><b>Total</b></td> <td colspan="2"><b>2350</b></td> </tr> </table>			<b>Man Power in Nos</b>	<b>Existing</b>	<b>Proposed</b>	1850	500 (Expansion)	<b>Total</b>	<b>2350</b>	
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<b>Total</b>	<b>2350</b>											
7.	Hazardous/Non-Hazardous Waste Generation details & their storage, utilization and its disposal. Copy of Agreement clearly mentioning the Quantity	Details of Hazardous Waste is given below:-										
<b>S. No</b>	<b>Type of Waste</b>	<b>Category (As per Schedule)</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total</b>	<b>Storage</b>	<b>Mode of Treatment and Disposal</b>					
1	Distillation Residues	20.3	---	15.0 TPA	15.0 TPA	Store in Hazardous Waste Room in Environmentally Sound	Sent to Authorized Dealer for Disposal or In house incineration					
2	Distillation Residue	28.1	13.095 TPA	4.365 TPA	17.460 TPA		Sent to Authorized Dealer for Disposal or In house incineration					

3	Mobile Oil	5.1	0.840 KLA	0.360 KLA	1.200KL A	Manner	Sale to Authorized Recyclers
4	Spent Catalyst	28.2	1.200 TPA	0.800 TPA	2.00 TPA		Send to TSDf facility
5	Spent Carbon	28.3	----	4.500 TPA	4.500 TPA		Send to TSDf facility
6	Off specification products	28.4	-----	5.00 TPA	5.00 TPA		Sent to Authorized Dealer for Disposal or In house incineration
7	Date Expired Products	28.5	0.500 TPA	4.50 TPA	5.00 TPA		Sent to Authorized Dealer for Disposal or In house incineration
8	Spent Solvents	28.6	----	40.0 TPA	40.0 TPA		Sent to Authorized Dealer for Disposal or In house incineration
9	Empty Barrels/Container s/Liners Contaminated with Hazardous Chemicals/Waste	33.1	36.50 0 TPA	9.120 TPA	45.620 TPA	Store in Scrap Yard in Dedic ated Area	Sale to Recyclers
10	Contaminated Cotton Rags or other Cleaning Materials	33.2	0.240 TPA	2.260 TPA	2.500 TPA	Store in Hazar dous	Sent to Authorized Dealer for Disposal or

						Waste Room in Environmentally Sound Manner	In house incineration
11	ETP Sludge	35.3	8.860 TPA	26.140 TPA	35.00 TPA		Sent to Authorized Dealer for Disposal or In house incineration
12	Spent Carbon or Filter Medium	36.2	0.600 TPA	0.900 TPA	1.500 TPA		Send to TSDF facility
13	Sludge from Wet Scrubbers	37.1	---	0.625 TPA	0.625 TPA		Send to TSDF facility
14	Ash from Incinerator	37.2	---	30.0 TPA	30.0 TPA		Send to TSDF facility

8.	Solid Waste generation and its mode of disposal:	Existing- 280 Kg/day; Proposed- 75 Kg/day; Total after Expansion- 355 Kg/day.
9.	Waste water generation & its disposal Arrangement in Operation Phase:	Details are given below:-

Particulars	Quantity (KLD)		Total Quantity (KL)	Treatment
	Existing	Proposed		
Domestic	85	20	105	The domestic sewage is being/will be treated in existing STP having capacity of 75 KLD and after expansion STP will be upgraded up to 150 KLD. Treated water is being utilized for plantation

Process including equipment washing	620	205	825	Low TDS Effluent Treated in To ETP [Existing capacity of ETP (Cap 1000 M3/Day) and new ETP of 500 KLD will be installed for meeting with the demand of additional wastewater generation same will be upgraded to 1500 M3/Day]. ETP comprises of Four Stage ,One Stage Anaerobic , One Stage MBBR and One Stage Aeration and Tertiary Treatment. After treatment treated water treat in RO System, RO permeate will be recycled in to cooling towers.  RO Reject + High TDS effluent treated in to MEE/MVR and condensate recovery of MEE/MVR will be reused in process and Cooling Towers. Concentrated stream will be sent to ATFD for further treatment. MEE salt will be disposed into TSDF
Washing (Floor)	0	0	0	
Boiler Feed	52	256	308	
Cooling Tower	50	261	311	
<b>Sub total</b>	<b>807</b>	<b>742</b>	<b>1549</b>	
Recycled	993	644	1637	
Greenbelt plantation	73	12	85	*STP treated water is being/will be used for greenbelt
<b>Total</b>	<b>1800</b>	<b>1386</b>	<b>3186</b>	

10.	Details of the block in which the project site is located as per CGWA guideline (Notified/ Non-Notified area and name of block)	<b>Name</b>	<b>Distance</b>
		Barnala Block for Ground water Resources	Classified as Over-exploited Zone for Groundwater resources by CGWA, New Delhi

**Source:** - ground water and surface water.

**Approval:**

NOC for Surface water from Irrigation Department, Punjab has been obtained.

NOC for ground water abstraction from CGWA for withdrawal of 900 KLD has been obtained.																			
11.	Blockwise details of no. of trees to be planted in proposed greenbelt area(1500 Trees to be planted @ 10000 Sqm area):		Existing- 33777; Proposed- 6568; After Expansion- 40345																
12.	<p>a. Energy requirements &amp; savings:</p> <p>b. Energy saving measures to be adopted within industry:</p>		<p>a. The details of the energy are given below:</p> <table border="1"> <thead> <tr> <th>Details</th> <th>Existing</th> <th>Proposed</th> <th>Total after expansion</th> <th>Capacity Source</th> </tr> </thead> <tbody> <tr> <td>Power Requirement</td> <td>17 MW</td> <td>12.75 MW (stand by)</td> <td>17 MW +12.75 MW (Stand By) =29.75 MW</td> <td>In house, Cogeneration Plant</td> </tr> <tr> <td>Power Back Up</td> <td>2625 kVA</td> <td>4500 Kva</td> <td>2625 KVA existing and 4500 kVA proposed</td> <td>3 X 1000 KVA and 1 X 625 KVA DG sets are available for existing project. For the proposed expansion project additionally 2 X 2250 KVA will be installed for power-backup (as a standby).</td> </tr> </tbody> </table>		Details	Existing	Proposed	Total after expansion	Capacity Source	Power Requirement	17 MW	12.75 MW (stand by)	17 MW +12.75 MW (Stand By) =29.75 MW	In house, Cogeneration Plant	Power Back Up	2625 kVA	4500 Kva	2625 KVA existing and 4500 kVA proposed	3 X 1000 KVA and 1 X 625 KVA DG sets are available for existing project. For the proposed expansion project additionally 2 X 2250 KVA will be installed for power-backup (as a standby).
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13.	EMP Budget details		EMP budget details																
	<b>Particulars</b>	<b>Proposed EMP Cost (Rs. in Lacs) Capital</b>	<b>Proposed EMP Cost (Rs. in Lacs/annum) Recurring</b>	<b>Basis for cost estimates</b>															
	Air pollution control &Noise	100	20	Air pollution controlling equipment's, Monitoring of															



Pollution Monitoring			Air Environment, Ambient noise monitoring, acoustic hoods / enclosures, noise mapping, hearing protection
Water Pollution control	650	637.78	Capital cost would include cost of ETP,RO,MVR and STP including Civil work, mechanical work, and electrical work and piping work is included. Recurring cost is cost of treatment of waste water at site
Solid and hazardous waste management	100	36.00	Capital cost would include cost of Incinerator and providing storage space for hazardous waste. Recurring cost would include cost of transportation & disposal and treatment cost of Incinerator
Environment monitoring and management	80	20	The recurring cost would be incurred on hiring of consult-ants and payment of various statutory fees to regulatory agencies.
Occupational Health	75	20	Periodic Health checkup, PPEs etc
Green belt & Rainwater Harvesting	35	1.5	Capital cost would include cost of plant species and labor cost and recurring cost would include cost of maintenance of that green belt including cost of required water for plant growth
Air Pollution Control Devices	350	10.0	ESP
<b>Total</b>	<b>1390</b>	<b>745.28</b>	

### 1.0 Deliberations during 198<sup>th</sup> meeting of SEAC held on 05.04.2021

The case was considered by SEAC in its 198<sup>th</sup> meeting held on 05.04.2021 and was attended by the following:

1. Sh. Deepak Goyal, Senior General Manager and Sh. Rajiv Kumar Garg, Environment Advisor on behalf of the Project Proponent.
2. Sh. D.G Goswami, M/s Enkay Enviro Services Pvt. Ltd.

Sh. Preet Mohinder Singh Bedi, Member SEAC, raised following observations to the Project Proponent:

1. Project Proponent may explain briefly about Manufacturing and purification processes of following drugs:

(a) Ibuprofen

(b) Fenofibrate

(c) Amlodipine

(d) Losartan Potassium

2. List Solvents to be used and also brief process of recovery of solvents.

3. Assessment of biological environment.

4. Threshold limits of hazardous chemicals to be used.

5. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers.

6. Details of Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL)? If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved.

The Project Proponent sought some time to submit reply to the said observations.

After detailed deliberations, SEAC decided to defer the case to the next meeting subject to reply of the Project Proponent to the above said observations.

**Item no. 198.14: Application for expansion in the Environmental Clearance under EIA notification dated 14.09.2006 for the expansion of residential project namely "AGI Smart Homes", village Pholriwal, Tehsil & Distt. Jalandhar by M/s AGI Infra Ltd. (SIA/PB/MIS/174962/2020).**

The Project Proponent was earlier granted Environment Clearance for the project vide no. 504 dated 03.05.2017 for developing the project namely "AGI Smart Homes" located at village Pholriwal, Tehsil & Distt. Jalandhar in an area of 7.691 acres (31125 Sqm.) and the total built-up area 1,20,940 Sqm. Now, the project proponent has filed an application for obtaining expansion in the said Environment Clearance for expansion of residential project.

After obtaining the Environment Clearance, the project proponent got the layout plan approved from the competent authority with details as under:

- No. of towers approved: 7
- No. of flats approved: 960
- Built up area as per approved plan: 116090

The Project Proponent informed that it has constructed four blocks out of seven blocks comprising of 560 no. of flats. In September 2019, the Govt. increased the carpet area of the affordable housing from 60 Sqm to 90 Sqm. Thereafter the company purchased 2.11 acres land adjoining to this project comprising in Khasra no. 44/6/2, 7/1, 14/2, 15 at village Pholriwal and proposed to construct the flats of bigger size, and the CLU of this additional land was granted by the Senior Town Planner, Jalandhar vide Memo No. 20 STP (J) /CLU (J) dated 06.01.2020. The salient features of the concept plan proposed by the company are as under:

- No. of Tower approved : 7
- No. of flats proposed: 1078 (including EWS 52 flats)
- No. of flats already constructed out of above: 560
- Balance no. of flats to be constructed : 518
- Total built up area as per the concept plan : 147136 Sqm.

The Regional Office MoEF&CC vide letter no. 859 dated 11.12.2020 has sent the compliance report of the conditions imposed in the Environment Clearance.

The Project Proponent has deposited Rs. 60,000/- as the processing fee against the expansion carried out by the Project Proponent vide DD no. 418226 dated 22.03.2021.

### 1.0 Deliberations during 198<sup>th</sup> meeting of SEAC held on 05.04.2021

The matter was considered by SEAC in its 198<sup>th</sup> meeting held on 05.04.2021 and it was attended by the following:

1. Sh. Sukhdev Singh, MD and Sh. Ashwani Kant, GM on behalf of Project Proponent.
2. Sh. Sital Singh, EIA Coordinator, M/s CPTL E-126,IA, Phase-3, SAS Nagar, on behalf of the Project Proponent.

SEAC allowed the Environment Consultant of Project Proponent to present the salient features of the project which he presented as under:

Sr. no.	Item	Details
1.	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006	8 (a)
2.	If the project involves diversion of forest land. If yes, a) Extent of the forest land. b) Status of the forest clearance.	No
3.	a) Is the project covered under PLPA,1900, if No but located near to PLPA area then the project proponent is required to submit NOC from the concerned DFO to the effect that project area does not fall under the provision of PLPA Act, 1900. b) Is the project covered under PLPA, 1900, if yes then Status of the NOC w.r.t PLPA,1900.	No
4.	If the project falls within 10 km of ecosensitive area/ National	No

	park/Wild Life Sanctuary. If yes, a) Name of ecosensitive area/ National park/Wild Life Sanctuary and distance from the project site. b) Status of clearance from National Board for Wild Life (NBWL).	N.A.  N.A.																												
5.	Classification/Land use pattern as per Master Plan	Residential																												
6.	Cost of the project	Rs. 25.71 Cr.																												
7.	Total Plot area, Built up Area and Green area	<table border="1"> <thead> <tr> <th>Description</th> <th>Existing</th> <th>Proposed</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Land</td> <td>31125 m<sup>2</sup> (7.691 acres)</td> <td>8539 m<sup>2</sup> (2.11 acres)</td> <td>39664 m<sup>2</sup> (9.801 acres)</td> </tr> <tr> <td>Built up area</td> <td>120940 m<sup>2</sup></td> <td>26196 m<sup>2</sup></td> <td>147136 m<sup>2</sup></td> </tr> <tr> <td>Green area</td> <td>7173 m<sup>2</sup> (24%)</td> <td>4117 m<sup>2</sup></td> <td>11290 m<sup>2</sup> (29.35%)</td> </tr> <tr> <td>Total no of apartments</td> <td>1000</td> <td>78</td> <td>1078</td> </tr> </tbody> </table>	Description	Existing	Proposed	Total	Land	31125 m <sup>2</sup> (7.691 acres)	8539 m <sup>2</sup> (2.11 acres)	39664 m <sup>2</sup> (9.801 acres)	Built up area	120940 m <sup>2</sup>	26196 m <sup>2</sup>	147136 m <sup>2</sup>	Green area	7173 m <sup>2</sup> (24%)	4117 m <sup>2</sup>	11290 m <sup>2</sup> (29.35%)	Total no of apartments	1000	78	1078								
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Total no of apartments	1000	78	1078																											
8.	Population (when fully operational)	5400																												
9.	Water Requirements & source in Construction Phase	Construction: 10 kLD, STP with in project Domestic: 10 kLD, ground water																												
10.	Break up of Water Requirements & source in Operation Phase (Summer, Rainy, Winter):	<table border="1"> <thead> <tr> <th rowspan="2">S. No.</th> <th rowspan="2">Season</th> <th colspan="4">Fresh Water</th> </tr> <tr> <th>Domestic</th> <th>Fresh water KLD</th> <th>For Flushing purposes KLD</th> <th>Green Area KLD</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Summer</td> <td>810</td> <td>565</td> <td>245</td> <td>60</td> </tr> <tr> <td>2</td> <td>Winter</td> <td>810</td> <td>565</td> <td>245</td> <td>25</td> </tr> <tr> <td>3</td> <td>Rainy</td> <td>810</td> <td>565</td> <td>245</td> <td>15</td> </tr> </tbody> </table>	S. No.	Season	Fresh Water				Domestic	Fresh water KLD	For Flushing purposes KLD	Green Area KLD	1	Summer	810	565	245	60	2	Winter	810	565	245	25	3	Rainy	810	565	245	15
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11.	Source of Water	Ground water – permission from CGWA (through DAC) applied for.																												

12.	Treatment & Disposal arrangements of waste water in Construction Phase	STP installed at Site <ul style="list-style-type: none"> <li>• Reuse for watering of green area</li> <li>• Disposal into municipal sewer</li> </ul>																								
13.	Disposal Arrangement of Waste water in Operation Phase	Total sewage =650 KLD STP capacity = 860 KLD <table border="1" data-bbox="769 422 1404 699"> <thead> <tr> <th>S. No.</th> <th>Season</th> <th>For Flushing purposes (kLD)</th> <th>Green Area sqm (kLD)</th> <th>MC Sewer if any (kLD)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Summer</td> <td>245</td> <td>60</td> <td>345</td> </tr> <tr> <td>2.</td> <td>Winter</td> <td>245</td> <td>25</td> <td>380</td> </tr> <tr> <td>3.</td> <td>Rainy</td> <td>245</td> <td>15</td> <td>390</td> </tr> </tbody> </table>	S. No.	Season	For Flushing purposes (kLD)	Green Area sqm (kLD)	MC Sewer if any (kLD)	1.	Summer	245	60	345	2.	Winter	245	25	380	3.	Rainy	245	15	390				
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14.	Rain water recharging detail	Number of recharge structures = 12 Annual recharge potential = 10700 kL																								
15.	Solid waste generation and its disposal	<ul style="list-style-type: none"> <li>• 2600 kg/day</li> <li>• The solid wastes will be appropriately segregated (at source) into recyclable, biodegradable Components, and non-biodegradable.</li> <li>• Disposal of non-recyclable fraction through MC</li> </ul>																								
16.	Energy Requirements & Saving	<ul style="list-style-type: none"> <li>• 4355 kVA to be sourced from PSPCL.</li> <li>• Multiple DG sets – aggregate capacity 1500 kVA</li> </ul> <table border="1" data-bbox="769 1182 1404 1808"> <thead> <tr> <th></th> <th>Measure</th> <th>Energy saving potential*</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Solar based common lighting</td> <td>2%</td> </tr> <tr> <td>2.</td> <td>Roof-top solar (PV) power (~325 kWp potential)</td> <td>2.5%</td> </tr> <tr> <td>3.</td> <td>Use of LED lighting</td> <td>1%</td> </tr> <tr> <td>4.</td> <td>Energy efficiency in receiving/distribution</td> <td>0.5%</td> </tr> <tr> <td>5.</td> <td>High efficiency motors/transformers</td> <td>1%</td> </tr> <tr> <td>6.</td> <td>Miscellaneous architectural features</td> <td>2%</td> </tr> <tr> <td></td> <td>Total</td> <td>9%</td> </tr> </tbody> </table>		Measure	Energy saving potential*	1.	Solar based common lighting	2%	2.	Roof-top solar (PV) power (~325 kWp potential)	2.5%	3.	Use of LED lighting	1%	4.	Energy efficiency in receiving/distribution	0.5%	5.	High efficiency motors/transformers	1%	6.	Miscellaneous architectural features	2%		Total	9%
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17.	Environment Management Plan along with Budgetary	During construction phase GM will be responsible and during operation phase,																								

	break up phase wise and responsibility to implement	Director Will be responsible for implementation of the EMP.		
		Description	Capital Cost (Rs)	Recurring Cost – annual (Rs)
		Construction	30 lacs	5 lacs
		Operation	100 lacs	57 lacs

SEAC raised following observations to the Project Proponent:

Sr. No.	Observations	Reply by the Project Proponent
1.	The Project Proponent shall submit application to the PWRDA for abstraction of groundwater to meet with the fresh water requirement.	The Project Proponent has submitted the application to the PWRDA for abstraction of groundwater and submitted the same to the SEAC.
2.	The Project Proponent shall obtain authorization under the HWM Rules 2016 from Punjab Pollution Control Board.	Agreed by the Project Proponent and submitted an undertaking in this regard.

SEAC was satisfied with the presentation given by the Environmental Consultant of Project Proponent and reply to the observations raised by the SEAC.

After detailed deliberations, SEAC decided to award '**Silver Grading**' to the project proposal and to forward the application of the project proponent to SEIAA with the recommendations to grant Environmental Clearance for expansion of the project namely "AGI Smart Homes" having built-up area 1,47,136 Sqm (after expansion) in a total land area of 39664 sqm located at village Pholriwal, Tehsil & Distt. Jalandhar, (Punjab), as per the details mentioned in the Form 1, 1A, EMP & subsequent presentation /clarifications made by the project proponent and his consultant with, proposed measures, conditions prescribed conditions prescribed as under:-

#### **I. Statutory compliance:**

- i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- ii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment,

etc. as per National Building Code including protection measures from lightening, etc.

- iii) The project proponent shall obtain forest clearance under the provisions of the Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- iv) The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- v) The project proponent shall obtain Consent to Establish / Operate under the provisions of the 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 the necessary permission for drawl of ground water/ surface water required for the project from the competent authority.
- vii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- viii) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- ix) The provisions of the Solid Waste (Management) Rules, 2016, E-Waste (Management) Rules, 2016, Construction & Demolition Waste Rules, 2016 and the Plastics Waste (Management) Rules, 2016 shall be followed.
- x) The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
- xi) The project site shall conform to the suitability as prescribed under the provisions laid down under the master plan of respective city/ town. For that, the project proponent shall either to submit the NOC/ land use conformity certificate from Deptt. of Town and Country Planning or other concerned Authority under whom jurisdiction, the site falls.
- xii) Besides above, the project proponent shall also comply with siting criteria / guidelines, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of projects.
- xiii) The project proponent shall get the layout plans approved from the Competent Authority for the activities / establishments to be set up at project site in consonance of the project proposal for which this environment clearance is applied.



## **II. Air quality monitoring and preservation**

- i) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- ii) A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- 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. PM10 and PM2.5) covering upwind and downwind directions during the construction period.
- iv) Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v) Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3m height or 1/3rd of the building height and maximum upto 10m). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
- vi) No Excavation of soil shall be carried out without adequate dust mitigation measures in place.
- vii) No loose soil or sand or construction & demolition waste or any other construction material that causes dust shall be left uncovered.
- viii) No uncovered vehicles carrying construction material and waste shall be permitted
- ix) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- x) Grinding and Cutting of building material in open area shall be prohibited. Wet jet shall be provided for grinding and stone cutting.
- xi) Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.

- xii) All construction and demolition debris shall be stored at the site within earmarked area and road side storage of construction material and waste shall be prohibited. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
- xiii) The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xiv) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xv) For indoor air quality the ventilation provisions as per National Building Code of India.
- xvi) Roads leading to or at construction site must be paved and blacktopped (i.e. metallic road)
- xvii) Dust Mitigation measures shall be displayed prominently at the construction site for easy public viewing.
- xviii) Construction and Demolition Waste Processing and Disposal site shall be identified and required dust mitigation measure be notified at the site.

### **III. Water quality monitoring and preservation**

- i) The natural drain system should be maintained for ensuring unrestricted flow of water.
- ii) No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- iii) Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
- iv) The total water requirement for the project will be 810 KL/day, out of which fresh water demand of 565 KL /day shall be met through groundwater and remaining through recycling of treated waste water from their own STP. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
  - iv) a)The total wastewater generation from the project will be 650 KL/day, which will be treated in STP to be installed within the project premises. As proposed, reuse of treated wastewater shall be as under:-

<b>Sr. No.</b>	<b>Season</b>	<b>For Flushing purposes (KLD)</b>	<b>Green Area (KLD)</b>	<b>MC Sewer KLD</b>
1.	Summer	245	60	345
2.	Winter	245	25	380
3.	Rainy	245	15	390

- b) Storage tank of adequate capacity shall be provided for the storage of treated wastewater and all efforts shall be made to supply the same for construction purposes.
- c) During construction phase, the project proponent shall ensure that the waste water being generated from the labour quarters/toilets shall be treated and disposed in environment friendly manner. The project proponent shall also exercise the option of modular bio-toilets or will provide proper and adequately design septic tanks for the treatment of such waste water and treated effluents shall be utilized for green area/plantation
- vi) The project proponent shall ensure safe drinking water supply to the habitants. Adequate treatment facility for drinking water shall be provided, if required.
- vii) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- viii) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- ix) At least 20% of the open spaces as required by the local building bye-Jaws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
- x) Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- xi) The respective project proponent shall discourage the installation of R.O. plants in their projects in order to save the wastage in form of RO reject. However, in

case the requirement of installing RO plant is utmost necessary then the rejected stream from the RO shall be separated and shall be utilized by storing the same within the particular component i.e. (Tower/Mall) or in a common place in the project premises.

- xii) The project proponent shall also adopt the new/innovating technologies like less water discharging taps (faucet with aerators)/urinals with electronic sensor system /water less urinals / twin flush cisterns/ sensor based alarming system for overhead water storage tanks and make it a part of the environmental management plans / building plans so as to reduce the water consumption/ground water abstraction in their Building Construction & Industrial projects.
- xiii) The project proponent will provide plumbing system for reuse of treated wastewater for flushing/ HVAC/ other purposes etc. and colour coding of different pipe lines carrying water/wastewater from different sources / treated wastewater as follows:

Sr. No	Nature of the Stream	Color code
a)	Fresh water	Blue
b)	Untreated wastewater from Toilets/ urinal & from Kitchen	Black
c)	Untreated wastewater from Bathing/shower area, hand washing (Washbasin / sinks) and from Cloth Washing	Grey
d)	Reject water streams from RO plants & AC condensate (this is to be implemented wherever centralized AC system and common RO has been proposed in the Project). Further, in case of individual houses/establishment this proposal may also be implemented wherever possible.	White
e)	Treated wastewater (for reuse only for plantation purposes) from the STP treating black water	Green
f)	Treated wastewater (for reuse for flushing purposes or any other activity except plantation) from the STP treating grey water	Green with strips
g)	Storm water	Orange

- xiv) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xv) The CGWA provisions on rain water harvesting should be followed. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built-up area and storage capacity of minimum one day of total fresh water requirement shall

be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. As per the proposal submitted by the project proponent 12 no. rain water harvesting recharge pits /storage tanks shall be provided for ground water recharging as per the CGWB norms. The ground water shall not be withdrawn without approval from the Competent Authority.

- xvi) All recharge should be limited to shallow aquifer.
- xvii) No ground water shall be used during construction phase of the project. Only treated sewage/wastewater shall be used. A proper record in this regard should be maintained and available at site.
- xviii) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xix) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- xx) Sewage shall be treated in the STP with tertiary treatment. STP shall be installed in a phased manner viz a viz in the module system designed in such a way so as to efficiently treat the wastewater with an increase in its quantity due to rise in occupancy. The treated effluent from STP shall be recycled/reused for flushing, AC make up water and gardening. No treated water shall be disposed of into the municipal storm water drain.
- xxi) No sewage or untreated effluent water would be discharged through storm water drains. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on-site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by the Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
- xxii) Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
- xxiii) Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development,

Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

#### **IV. Noise monitoring and prevention**

- i) Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.
- ii) Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- iii) Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

#### **V. Energy Conservation measures**

- i) Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
- ii) Outdoor and common area lighting shall be LED.
- iii) Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
- iv) Energy conservation measures like installation of LEDs for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- v) Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1 % of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
- vi) Solar power by utilizing at least 30% of the roof top area shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and

institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

## **VI. Waste Management**

- i) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- ii) Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iii) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- iv) Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed for treatment and disposal of the waste.
- v) All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
- vi) Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii) Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
- viii) Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
- ix) Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- x) Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

## **VII. Green Cover**

- i) No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
- ii) At least single line plantation all around the boundary of the project as proposed shall be provided. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. A minimum of one tree for every 80 sqm (@ **500 trees** of native varieties) of total project land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. The plantation should be provided as per SEIAA guidelines.
- iii) Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1: 10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- iv) Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
- v) The project proponent shall not use any chemical fertilizer /pesticides /insecticides and shall use only Herbal pesticides/insecticides and organic manure in the green area.
- vi) The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use.

## **VIII. Transport**

- i) A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.



- a) Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
  - b) Traffic calming measures.
  - c) Proper design of entry and exit points.
  - d) Parking norms as per local regulation.
- ii) Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
  - iii) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
  - iv) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.

**IX. Human health issues**

- i) All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii) For indoor air quality the ventilation provisions as per National Building Code of India.
- iii) Emergency preparedness plan based on the Hazard identification and Risk 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.

- iv) Occupational health surveillance of the workers shall be done on a regular basis.
- v) A First Aid Room shall be provided in the project both during construction and operations of the project.

**XI. Validity**

- i) This environmental clearance will be valid for a period of seven years from the date of its issue or till the completion of the project, whichever is earlier.

**XII. Miscellaneous**

- i) The project proponent before allowing any occupancy shall obtain completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab.
- ii) The project proponent shall comply with the conditions of CLU, if obtained.
- iii) The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
- iv) 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.
- v) 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.
- vi) 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.
- vii) 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.
- viii) 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.

- ix) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x) 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.
- xi) 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).
- xii) 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.
- xiii) The SEIAA/Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiv) The SEIAA/ Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xv) The Regional Office of this Ministry and Punjab Pollution Control Board 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.
- xvi) 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.
- xvii) 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.