

**Proceedings of 182<sup>nd</sup> meeting of State Environment Impact Assessment Authority (SEIAA) held on 24.05.2021 in the Conference Hall no. 1 (Room No 311), 1st Floor of MGSIPA at 10:30 AM, MGSIPA Complex, Sector-26, Chandigarh through Video Conference.**

The meeting was attended by the following members:

- 1) Sh. Hardeep Singh Gujral,  
Chairman, SEIAA
- 2) Sh. Charandeep Singh, PCS  
Member Secretary, SEIAA
- 3) Dr. Adarsh Pal Vig, Member SEIAA  
Professor & Director (HRDC-UGC),  
Department of Botanical & Environmental Sciences,  
Guru Nanak Dev University, Amritsar.

Er. Parveen Saluja Environmental Engineer SEIAA and Sh. Aushwinder Singh, Scientist-B along with other supporting staff also attended.

**Item No. 01: Confirmation of the proceedings of 181<sup>st</sup> meeting of State Environment Impact Assessment Authority (SEIAA) held on 10.05.2021.**

The proceedings of the 181<sup>st</sup> meeting of State Environment Impact Assessment Authority (SEIAA) held on 10.05.2021 were circulated through E-mail on 17.05.2021. Since no observations have been received from any member of SEIAA, the Proceedings of the 181<sup>st</sup> meeting as circulated stand confirmed.

**Item No. 02: Action taken on the proceedings of 180<sup>th</sup> and 181<sup>st</sup> meeting of State Environment Impact Assessment Authority (SEIAA) held on 26.04.2021 and 10.05.2021 respectively.**

SEIAA was apprised that requisite action has been taken as per the proceedings of the 180<sup>th</sup> meeting of SEIAA held on 26.04.2021 and Action Taken Report (ATR) has been submitted in the Agenda of the present 182<sup>nd</sup> meeting. SEIAA observed that action on item No. 180.08 of 180<sup>th</sup> meeting of SEIAA is incomplete and desired that the same be placed before SEIAA along with the reply of the complainant and comments of the Member Secretary, PPCB. SEIAA further directed that requisite action be taken as per the proceedings of 181<sup>st</sup> meeting of SEIAA held on 10.05.2021 at the earliest and ATR of the same be placed in the next meeting scheduled on 14.06.2021.

**Item No. 182.01: Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of Group Housing Project namely "Sunny Heights" located in the Sector 125, Tehsil Kharar, District- SAS Nagar by M/s Bajwa Developers Ltd. (SIA/PB/NCP/22973/2018)**

SEIAA observed as under:

### **1.0 Background**

M/s Bajwa Developers Ltd. has submitted an application for issuance of TORs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of Group Housing Project namely "Sunny Heights" located in Sector 125, Tehsil Kharar, District- SAS Nagar. The project proponent submitted as under: -

- i) Total 07 Blocks are being constructed at the project site comprising 406 Flats, 45 EWS, School, and Meeting Hall. About 60% of the construction work has been completed on-site.
- ii) The total land area for the project is 25,600.36 sqm. (6.33 acres) and the built-up area of the project is 56,872.19 sqm
- iii) Municipal Council, Kharar vide letter no: 1638 dated 23/2/2012 approved the layout plan.
- iv) They had started the construction without getting Environmental Clearance.

Since it is a case of violation of the provisions of EIA notification dated 14.09.2006 and as per amendment 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, are to be appraised for grant of Environmental Clearance only by the EAC and granted at the central level.

Accordingly, the project proponent has submitted an online application for issuance of TORs for obtaining Environmental Clearance vide proposal no. IA/PB/NCP/ 69083/ 2017 on 13/09/2017 to MOEF&CC.

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 /22973/2018 on 28/03/2018.

### **1.2 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. In the said meeting, 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. 922 dated 29/10/2019

### **1.3 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.

SEAC raised the following observations to the project proponent:

1. As to whether a hard copy of the application 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 stated that a hard copy of the application has been submitted. However, a reply to the ADS is yet to be submitted. He sought time to comply with the other 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 1431 dated 03.02.2020. However, reply to the said letter is yet awaited.

## 2.0 Present Case

### 2.1 Summary of the project

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

<b>Sr. No.</b>	<b>Item</b>	<b>Details</b>
1	Name & Location of the project	Sunny Heights Sector 125, Tehsil Kharar, District- SAS 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	Submitted

4	Pre-feasibility report as per Ministry of Environment & Forests, Circular dated 30.12.2010.	Not Submitted
5.	Proof of ownership of land	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.	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	Residential Zone
13	Cost of the project	90 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	TOTAL
	Total Area	25600.36 sqm
	Built-up Area	56872.19 sqm
	There are total Seven Blocks constructed at the project site comprising 406 Flats, 45 EWS, School, and Meeting Hall. The layout plan has been approved by the "Municipal Council – Kharar" vide drawing no. DRG. NO. 01. Letter for approval of layout plan has been obtained from the office of Municipal Council, Kharar vide letter no: 1638 dated 23/2/2012.	
16.	Estimated Population	2200 persons
17.	Source of water supply	Ground Water (Tube well)

18.	Total water demand	440 KLD
19.	Waste Water generation	352 KLD The Sewage treatment will be done in the common STP of capacity 5MLD proposed at Sunny Enclave. The Treated water will be used for flushing (99 KLD), green area (21.67 KLD) and remaining will be disposed of to the sewer
20	Effluent utilization	Recycled Water-121 KLD, i) Flushing-99 KLD, ii) Plantation & Irrigation-22KLD iii) Excess water discharged into Sewer
21	Proposed Green Area	15.4 % i.e., 3941 sqm
22.	Rainwater harvesting	7 number of rainwater harvesting pits provided at the site instead of required 04 pits for stormwater of quantity 355 cum/hr
23	Air pollution control	Chimney on DG sets
24	Solid waste	About 880 kg/day solid waste will be generated in the project. The biodegradable waste (30% i.e., 211 kg/day) will be converted into manure by mechanical composter and the non-biodegradable waste (70% i.e., 493 kg/day) generated will be handed over to the authorized local vendors. The waste will be disposed of as per Solid Waste Management Rules, 2016.
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	i) The total power requirement during operation phase is 1429 KW and will be met from PSPCL, Punjab ii) 3 DG Sets equipped with canopies (Capacity- 500KVA each) will be installed as stand-by arrangements. iii) 28 KW energy will be saved by using 7W LED lamps instead of using 15W CFL lamps. iv) 30% of the rooftop area space is

		proposed to set up the 198 KW f solar power generation plant.
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**2.2 Complete details of the case are summarised as under:**

1	Proposal No	SIA/PB/NCP/22973/2018
2	Date of submission of application	13.09.2017
3	Date of acceptance of application	22.05.2018
4	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 & its reply	14.06.2018 & Reply submitted on 14.02.2020, which was found incomplete. ADS raised on 05.05.2020 as per the decision of the 185 <sup>th</sup> meeting held on 29.11.2019.
7	Details of notice issued, if any	Issued vide no. 922 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 1431 dated 03.02.2020.
12	Reply in reference to letter no 1431 dated 03.02.2020	The project proponent has not submitted a reply to the observations so far.
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. The Project Proponent submitted a reply through email on 21.05.2017.

**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. Rajesh Gupta, GM, representing the Project Proponent.
2. Ms. Daksha Gupta, EIA Coordinator, M/s Shiwalik Solid Waste Management Ltd., Environment Consultant of the project proponent.

The SEAC, after going through the presentation submitted by the Project Proponent observed a lot of discrepancies in the documents submitted by the Project Proponent regarding the details of the directors of the company & list of persons responsible for the violation of the EIA notification dated 14.09.2006, w.r.t signatures of the authorized signatory and the documents were without date & reference number. The Committee took serious note of this on part of the Environmental Consultant of project proponent and desired that his explanation be called.

SEAC further observed that as per the said notification, in cases of violation, action has to 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 Environment (Protection) Act, 1986.

It was apprised to the SEAC that SEIAA vide letter no 354 dated 02.04.2019 had sent a list of 13 violation projects including the name of this project to PPCB to deal with these cases in accordance with the provisions of MoEF&CC Notification dated 14.03.2017 & 18.03.2018.

After detailed deliberations, SEAC decided that the following action be taken:

- a) SEIAA be requested to ask the PPCB to provide the details of the legal action taken against the responsible persons of the project in response to SEIAA letter no 354 dated 02.04.2019 and the construction status of the project (completed/not completed, if not completed then % of built-up area completed as on .....)
- b) Project proponent be asked to submit a copy of Memorandum of Article & Association/partnership deed/undertaking of sole proprietorship/ List of Directors and names of other persons (with designation & complete address) responsible for the violation of the EIA Notification 14.09.2006, the verified signature of the authorized signatory and other documents (with date & reference number) duly signed by the EIA Coordinator & the project proponent.
- c) Explanation of the Environmental Consultant of the project proponent i.e., M/s Shiwalik Solid Waste Management Ltd., be called in light of discrepancies found in the documentation work.

In compliance with the decision (b) & (c) of SEAC, the following actions have been taken by the SEAC:

- a) Project proponent was asked vide letter no 1679 dated 17.06.2020 to



submit the information as sought above.

- b) Explanation of the Environmental Consultant of the project proponent i.e., M/s Shiwalik Solid Waste Management Ltd. was called vide letter no 1678 dated 17.06.2020

In compliance with the decision taken at a), the case was placed before SEIAA for consideration.

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

The case was considered by the SEIAA in its 166<sup>th</sup> meeting held on 26.06.2020. SEIAA perused the deliberations made during the 189<sup>th</sup> meeting of SEAC held on 28.05.2020. After detailed deliberations, SEIAA decided as under: -

- i) To accept the recommendation of SEAC mentioned at Sr. No. 'a' and to take action as proposed by SEAC. Further, it was directed that separate letters be written to the Board mentioning all the previous correspondence for asking the construction status report and action taken report against the responsible person as per the Clause 3 of MoEF & CC Notification dated 14.03.2017 and as amended on 08.03.2018. A copy of the same be also endorsed to the Zonal Office and Regional Office of the Board.
- ii) Direction under Section 5 of the Environment (Protection) Act, 1986 be issued to the project proponent to restrain him from carrying out further construction activity of the project and not to create any third-party interest in the project till it obtains the environmental clearance under EIA Notification dated 14.09.2006.

In compliance with the aforesaid decisions, the following actions have been taken:

- (i) The Member Secretary, PPCB has been requested vide letter no. 1874 dated 29.07.2020 to launch prosecution against the responsible persons and send the construction status report vide letter no. 1875 dated 29.07.2020. A copy of the same has not been endorsed to the other concerned due to the directions given by the MS, SEIAA on 29.07.2020.
- (ii) Direction u/s 5 have been issued vide letter no. 1876 dated 29.07.2020 to the Project proponent and a copy of the same has been endorsed vide letter no. 1877 dated 29.07.2020 to MS, PPCB for ensuring the compliance.

No report has been received from the PPCB, so far.

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

The case was considered by SEIAA in its 176<sup>th</sup> meeting held on 19.02.2021 wherein, SEIAA observed that no report from the PPCB has been received so far. SEIAA took a serious view of this being a major and long pending violation case.

After detailed deliberations, SEIAA decided to issue a reminder to the PPCB for sending the report in the matter. It was also decided that the matter be taken up with the Chairman, PPCB through e-office file.

In compliance with the aforesaid decision, PPCB has been issued a reminder vide 3618 dated 09.03.2021. The matter was also put up on the e-office on 26.02.2021. An another reminder was also send to the PPCB vide letter no. 3676 dated 07.04.2021.

Member Secretary, PPCB vide letter no. 2469 dated 03.05.2021 informed that the project site was visited by the officers of the Board along with representative of the project on 10.03.2021. During visit, it was observed as under:

- (i) The project site is situated on Desumajra to Jandpur Road and on backside of Jalvayu Towers. The project proponent has earmarked the project site with boundary wall and main gate.
- (ii) The Executive Office, Kharar has approved the map of 6.33 acre land for the group housing development. The total built up area is about 512926.02 sq.ft. (i.e., 47652.39 sqm).
- (iii) The project proponent has almost completed structure work of all the 06 towers and finishing work was in progress. Finishing work of 03 towers has been completed and 40-50 families are residing in this project.
- (iv) No STP has been installed at the site for the treatment of wastewater generated. Entire wastewater is discharged to some undisclosed location i.e., ultimately discharge into Jyanti Ki Rao drain.
- (v) No bins have been provided for the collection of MSW and no mechanical composter provided at the site.
- (vi) Prosecution has been launched u/s 15, 16 read with section 19 of the Environment (Protection) Act, 1986 against the project proponent and the responsible persons in the court of Sub-Divisional Judicial Magistrate, Kharar. The case is now fixed for hearing on 09.07.2021.

#### **6.0 Deliberations during 182<sup>nd</sup> meeting of SEIAA held on 24.05.2021.**

The case was considered by SEIAA in its 182<sup>nd</sup> meeting held on 24.05.2021 through Video Conference which was attended by the following:

- (i) Sh. Rajesh Gupta, GM, representing the Project Proponent.
- (ii) S. Brahma and Ms. Daksha Gupta, EIA Coordinator, M/s Shivalik Solid Waste Management Ltd., Environment Consultant of the project proponent

SEIAA perused the report of the PPCB and observed that prosecution has been filed against the project proponent, structure work of all the 6 towers has been completed and finishing work was in progress. 40-50 families are residing in the project but neither

STP has been installed nor have any arrangements been made for the collection /treatment of MSW.

SEIAA observed that SEAC in its 189<sup>th</sup> meeting had enlisted a large number of discrepancies in the documents submitted by the project proponent. SEAC had therefore called for the explanation of the Environmental Consultant of the project proponent regarding these discrepancies. To this, Environmental Consultant informed that reply of the same has already been submitted vide letter No. 10352 dated 22.07.2020 to SEAC.

Further, to a query of SEIAA regarding compliance of the observations of the PPCB and directions issued by SEIAA u/s 5 of the Environment (Protection) Act, 1986, Environmental Consultant of the promoter company informed that compliance report of the same will be submitted within 10 days.

SEIAA further observed that Clause No's 4 and 5 of Notification dated 08.03.2018 regarding the permissibility of site under prevailing law, recommendations of Specific Terms of Reference and reply to the observations of SEAC submitted by the Environmental Consultant vide letter dated 22.07.2020 are required to be examined.

After detailed deliberations, SEIAA decided as under:

- (i) Project Proponent be asked to submit the compliance reports in respect of the observations of PPCB and directions issued u/s 5 by SEIAA to SEAC within 10 days from the issuance of the proceedings of this meeting..
- (ii) Case be remand to SEAC for examination and sending detailed recommendations with respect to the following:
  - a) Permissibility of the site w.r.t MOEF&CC Notification dated 14.03.2017 as amended on 08.03.2018 and recommendation of specific Terms of Reference in case the site is deemed suitable;
  - b) Reply to the observations of SEAC stated to have been submitted by the Environmental Consultant vide letter dated 22.07.2020;
  - c) Compliance made by the Project Proponent in respect of the observations of PPCB issued vide letter no. 2469 dated 03.05.2021;
  - d) Compliance made by the Project Proponent in respect of the directions issued by SEIAA u/s 5 of the Environment (Protection) Act, 1986, vide letter no. 1876 dated 29.07.2020.

**Item No. 182.02: Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for the establishment of area development Project namely "Sunny Enclave (177.72 Acres)" located in the revenue estate of Village Jandpur, Sihanpur & Hasanpur, Sector 120,123, 124 & 125 Kharar, Distt SAS Nagar by M/s Bajwa Developers Ltd. (SIA/PB/NCP/23385/2018).**

SEIAA observed as under: -

## **1.0 Background**

M/s Bajwa Developers Ltd. has submitted an application for issuance of TORs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for the establishment of area development Project namely "Sunny Enclave (177.72 Acres)" located in the revenue estate of Village Jandpur, Sihanpur & Hasanpur, Sector 120,123, 124 & 125 Kharar, Distt SAS Nagar. The project proponent submitted as under: -

- 1) The project site is having a spread of 7,19,235.04 sqm. (177.726 Acres) and falls under the Residential land use as per Master Plan. The net planned area for the project site is 6,64,162.2 sqm (164.11 acres).
- 2) The plan for the project is divided into Plot area, Group Housing, EWS. This comprises a park Area of 53,168 sqm. and roads, open spaces & other utilities area of 2,98,014.35 sqm. for adequate parking spaces with modern infrastructure facilities.
- 3) Approval of revised layout plan of Mega residential project falling in Sector-120,123,124 and 125 has been obtained from Chief Town Planner, Punjab vide letter no: 1685 CTP (Pb)/MPR-23 Dated 06-04-2016
- 4) About 30% of the construction has been completed at the site without getting Environmental Clearance under EIA Notification, 14.09. 2006.

As per amendment 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, are to appraised for grant of Environmental Clearance only by the EAC and granted at the central level.

Accordingly, the project proponent has submitted an online application for issuance of TORs for obtaining Environmental Clearance vide proposal no. IA/PB/NCP/69083 /2017 to MOEF&CC 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 subparagraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan.

Now, the MoEF&CC has transferred the project to SEIAA vide proposal no. SIA /PB/NCP /22973/2018 on 03/04/2018.

### **1.1 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. 921 dated 29/10/2019

### **1.2 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.

SEAC raised the following observations to the project proponent:

1. As to whether a hard copy of the application 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 stated that a hard copy of the application has been submitted. However, a reply to the ADS is yet to be submitted. He sought time to comply with the other 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 1432 dated 03.02.2020 However, reply to the said letter is yet awaited.

## 2.0 Summary of the project

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

Sr. No.	Item	Details
1	Name & Location of the project	Sunny Enclave (Area-177.72 Acres) Village Jandpur, Sihanpur & Hasanpur, Sector-120,123,124 & 125, Tehsil Kharar, District SAS Nagar.
2	Project/activity covered under item of scheduled to the EIA	8(b) Townships and Area Development projects.

	Notification,14.09.2006	
3	Copy of the Master plan duly marked with the project site	Submitted
4	Pre-feasibility report as per Ministry of Environment & Forests, Circular dated 30.12.2010.	Not Submitted
5.	Proof of ownership of land	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.	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	Residential Zone, Letter for approval of Revised layout plan obtained from Punjab urban planning & Development Authority, Puda Bhawan, Sector 62 SAS Nagar vide letter no. 1685 CTP(PB)/MPR-23 Dated 06.04.2016
13	Cost of the project	312.79 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, etc.	

Sr. No	Particulars	Area (m <sup>2</sup> )	Area (Acres)
1.	TOTAL AREA	7,19,235.04	177.72685
2.	E.W.S Area	36,785.92	9.09
3.	Area Reserved for Kajauli water line	11,318.24	2.7968
4.	Reserved Area	6,968.68	1.722
5.	NET PLANNED AREA	6,64,162.2	164.11805
6.	Residential Area	2,70,096.5	66.7423
7.	Commercial	14,940.99	3.692
8.	Education	15,814.71	3.9079
9.	Public Building	12,127.61	2.9968
10.	Park Area	53,168	13.1381
11.	Road, Open Spaces, Parking & Utilities & Reserved Area	2,98,014.35	73.64095
12.	Total Number of Plots	1,322	--
16.	Estimated Population	17376 persons	
17.	Source of water supply	Ground Water (1 no. Tubewell)	
18.	Total water demand	3.311 MLD	
	Freshwater demand	2.246 MLD	
19.	Waste Water generation	2.516 MLD The Sewage treatment will be done in the STP of capacity 3 MLD based on MBBR technology. The Treated water will be used for flushing (1065 KLD), green area (292.4 KLD) and remaining will be disposed of two MC sewer	
20	Effluent utilization	i) Flushing-1.065 MLD ii) Plantation & Irrigation-293 KLD iii) Excess water discharged into Sewer	
21	Proposed Green Area	53168 sqm	
22.	Rainwater harvesting	9 number of rainwater harvesting pits provided at the site	
23	Air pollution control	Chimney on DG sets	
24	Solid waste	About 6739 kg/day solid waste will be generated in the project. Biodegradable wastes & Non-Bio degradable waste will be	



		disposed of according to Solid Waste Management Rules, 2016.
23	Hazardous waste	There will be no generation of hazardous waste in the project.
22.	Energy Requirements & Saving	The total demand load is estimated at 9,345 KW which will be supplied by Punjab State Power Corporation Limited.

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

1	Proposal No	SIA/PB/NCP/23385/2018
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 Reply submitted on 14.02.2020, which was found incomplete. ADS raised on 05.05.2020 as per the decision of the 185 <sup>th</sup> meeting held on 29.11.2019.
7	Details of notice issued, if any	Issued vide no. 921 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 1432 dated 03.02.2020.
12	Reply in reference to letter no 1432 dated 03.02.2020	The project proponent has not submitted a reply to the observations.
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. The Project Proponent submitted a reply through email on 21.05.2017.
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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:

- (i) Sh. Rajesh Gupta, GM, representing the Project Proponent.
- (ii) Ms. Daksha Gupta, EIA Coordinator, M/s Shiwalik Solid Waste Management Ltd., Environment Consultant of the project proponent.

The SEAC, after going through the presentation submitted by the Project Proponent observed a lot of discrepancies in the documents submitted by the Project Proponent regarding the details of the directors of the company & list of persons responsible for the violation of the EIA notification dated 14.09.2006, w.r.t signatures of the authorized signatory and the documents were without date & reference number. The Committee took serious note of this on part of the Environmental Consultant of project proponent and desired that his explanation be called.

It was apprised to the SEAC that SEIAA vide letter no 354 dated 02.04.2019 had sent a list of 13 violation projects including the name of this project to PPCB to deal with these cases in accordance with the provisions of MoEF&CC Notification dated 14.03.2017 & 18.03.2018.

After detailed deliberations, SEAC decided that the following action be taken:

- a) SEIAA be requested to ask the PPCB to provide the details of the legal action taken against the responsible persons of the project in response to SEIAA letter no 354 dated 02.04.2019 and the construction status of the project (completed/not completed, if not completed then % of built-up area completed as on .....)
- b) Project proponent be asked to submit a copy of Memorandum of Article & Association/partnership deed/undertaking of sole proprietorship/ List of Directors and names of other persons (with designation & complete address) responsible for the violation of the EIA Notification 14.09.2006, the verified signature of the authorized signatory and other documents (with date & reference number) duly signed by the EIA Coordinator & the project proponent.
- c) Explanation of the Environmental Consultant of the project proponent i.e., M/s Shiwalik Solid Waste Management Ltd., be called in light of discrepancies found in the documentation work.

In compliance with the decision (b) & (c) of SEAC, the following actions have

been taken by the SEAC:

- a) Project proponent was asked vide letter no 1681 dated 17.06.2020 to submit the information as sought above.
- b) Explanation of the Environmental Consultant of the project proponent i.e., M/s Shivalik Solid Waste Management Ltd. was called vide letter no 1680 dated 17.06.2020

In compliance with the decision taken at a), the case was placed before SEIAA for consideration.

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

The case was considered by the SEIAA in its 166<sup>th</sup> meeting held on 26.06.2020. SEIAA perused the deliberations made during the 189<sup>th</sup> meeting of SEAC held on 28.05.2020. After detailed deliberations, SEIAA decided as under: -

- i) To accept the recommendation of SEAC mentioned at Sr. No. 'a' and to take action as proposed by SEAC. Further, it was directed that separate letters be written to the Board mentioning all the previous correspondence for asking the construction status report and action taken report against the responsible person as per the Clause 3 of MoEF & CC Notification dated 14.03.2017 and as amended on 08.03.2018. A copy of the same be also endorsed to the Zonal Office and Regional Office of the Board.
- ii) Direction under Section 5 of the Environment (Protection) Act, 1986 be issued to the project proponent to restrain him from carrying out further construction activity of the project and not to create any third-party interest in the project till it obtains the environmental clearance under EIA Notification dated 14.09.2006.

In compliance with the aforesaid decisions, the following actions have been taken:

- (i) The Member Secretary, PPCB has been requested vide letter no. 1878 dated 29.07.2020 to launch prosecution against the responsible persons and send the construction status report vide letter no. 1879 dated 29.07.2020.
- (ii) A copy of the same has not been endorsed to the concerned due to other the directions given by the MS, SEIAA on 29.07.2020.
- (iii) Direction u/s 5 have been issued vide letter no. 1880 dated 29.07.2020 to the Project proponent and a copy of the same has been endorsed vide letter no. 1881 dated 29.07.2020 to MS, PPCB for ensuring the compliance.

No report has been received from the PPCB, so far.

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

The case was considered by SEIAA in its 176<sup>th</sup> meeting held on 19.02.2021 wherein, SEIAA observed that no report from the PPCB has been received so far. SEIAA took a serious view of this being a major and long pending violation case.

After detailed deliberations, SEIAA decided to issue a reminder to the PPCB for sending the report in the matter. It was also decided that the matter be taken up with the Chairman, PPCB through e-office file.

In compliance with the aforesaid decision, PPCB has been issued a reminder vide 3619 dated 09.03.2021. The matter was also put up on the e-office on 26.02.2021. An another reminder was also send to the PPCB vide letter no. 3676 dated 07.04.2021.

Now, the Member Secretary, PPCB vide letter no. 2468 dated 03.05.2021 (Annexure-2) informed that the project site was visited by the officers of the Board along with representative of the project on 10.03.2021. During visit, it was observed as under:

- (i) The Chief Town Planner, Punjab, Chandigarh vide no. 1685 CTP (PB) / MPR-23 dated 06.04.2016 has approved the map of 177.72 acre for the plotted and commercial development.
- (ii) The project site is situated backside of Gopal Sweets and Parallel to the right side of Jalvayu Tower on 200 ft. wide airport road. The project site is situated on both side of the 200 ft wide airport road. The project proponent has not provided any boundary wall to bifurcate the development project.
- (iii) As per the approved layout map, there are 607 residential plots and 715 residential villas i.e., total 1322 plots. The project is having 08 commercial pockets in an area of 3.629 acre. The area of the project is more than 50 hectares.
- (iv) About 50-60 % of plotted development work has been completed and work to lay sewer line has been completed.
- (v) The project proponent has reserved land of about 0.5064 acre for the setting up of STP. But, no construction work of STP has been started at the site.
- (vi) The entire wastewater is treated through the existing STP installed in old Sunny Enclave and the capacity of the same is about 700 KLD, which is not adequate to cater the waste water of the subject cited project and ultimately entire wastewater is being discharge into Jayanti ki Rao (drain) without the treatment.
- (vii) Prosecution has been launched u/s 15, 16 read with section 19 of the Environment (Protection) Act, 1986 against the project proponent and the responsible persons in the court of Sub-Divisional Judicial Magistrate, Kharar. The case is now fixed for hearing on 09.07.2021.

#### **6.0 Deliberations during 182<sup>nd</sup> meeting of SEIAA held on 24.05.2021.**

The case was considered by SEIAA in its 182<sup>nd</sup> meeting held on 24.05.2021 through Video Conference which was attended by the following:

- (i) Sh. Rajesh Gupta, GM, representing the Project Proponent.
- (ii) S. Brahma and Ms. Daksha Gupta, EIA Coordinator, M/s Shiwalik Solid Waste

Management Ltd., Environment Consultant of the project proponent.

SEIAA perused the report of the PPCB and observed that prosecution has been filed against the project proponent; about 50-60 % of the plotted development work has been completed; no STP has been installed within the project site however waste water is treated through the existing STP installed in old Sunny Enclave of capacity 700 KLD which is not adequate to cater the waste water of the project and ultimately entire waste water was being discharged into Jayanti ki Rao (drain) without treatment etc.

SEIAA observed that SEAC in its 189<sup>th</sup> meeting had enlisted a large number of discrepancies in the documents submitted by the project proponent. SEAC had therefore called for the explanation of the Environmental Consultant of the project proponent regarding these discrepancies. To this Environmental Consultant informed that reply of the same has already been submitted vide letter No. 919 dated 16.07.2020 to SEAC.

Further, to a query of SEIAA regarding compliance of the observations of the PPCB and directions issued by SEIAA u/s 5 of the Environment (Protection) Act, 1986, Environmental Consultant of the promoter company informed that compliance report of the same will be submitted within 10 days.

SEIAA further observed that Clause No's 4 and 5 of Notification dated 08.03.2018 regarding the permissibility of site under prevailing law, recommendations of Specific Terms of Reference and reply to the observations of SEAC submitted by the Environmental Consultant vide letter No 919 dated 22.07.2020 are required to be examined.

After detailed deliberations, SEIAA decided as under:

- i) Project Proponent be asked to submit the compliance reports in respect of the observations of PPCB and directions issued u/s 5 by SEIAA directly to SEAC within 10 days from the issuance of the proceedings of this meeting.
- ii) Case be remand to SEAC for examination and sending detailed recommendations with respect of the following:
  - a) Permissibility of the site w.r.t MOEF&CC Notifications dated 14.03.2017 as amended on 08.03.2018 and recommendation of specific Terms of Reference in case site is deemed suitable;
  - b) Reply to the observations of SEAC stated to have been submitted by the Environmental Consultant vide letter No 919 dated 22.07.2020;
  - c) Compliance made by the Project Proponent in respect of the observations of PPCB issued vide letter no. 2468 dated 03.05.2021;
  - d) Compliance made by the Project Proponent in respect of the directions issued by SEIAA u/s 5 of the Environment (Protection) Act, 1986, vide letter no. 1880 dated 29.07.2020.

**Item No. 182.03: Application for issuance of TORs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for the establishment of area development Project namely "Sunny Enclave (139.376 Acres)" located in the revenue estate of Village Jandpur, Hasanpur & Manana, Sector 123, Tehsil Kharar, District SAS Nagar by M/s Bajwa Developers Ltd. (SIA/PB /NCP /23386 2018)**

SEIAA observed as under: -

### **1.0 Background**

M/s Bajwa Developers Ltd. has submitted an application for issuance of TORs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of Group Housing Project namely "SUNNY ENCLAVE (139.376 Acres)" located in the revenue estate of Village Jandpur, Hasanpur & Manana, Sector 123, Tehsil Kharar, District SAS Nagar. The project proponent submitted as under: -

- 1) The project plan has been segmented into the area for Plots, for Group Housing, for EWS, for Commercial, for Educational, etc.
- 2) The proposed project is a township project, which is spread over a land of 5,64,034.66 Sq.m. (139.376 Acres).
- 3) The proposed project comprises a Green Area of 34,209.69sq.m. and roads, open spaces & other utility areas of 1,65,282.92 sqm. for adequate parking spaces with modern infrastructure facilities.
- 4) About 30% of the construction has been completed at the site without getting Environmental Clearance under EIA Notification, 14.09.2006.
- 5) Letter for approval of Revised layout plan obtained from Greater Mohali Area Development Authority vide Memo No: GMADA/DTP/2016/1358 dated 06.04.2016 & letter of correction of date vide Memo No: GMADA/STP/2017/260 dated 30.01.2017.

As per amendment 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, are to appraised for grant of Environmental Clearance only by the EAC and granted at the central level.

Accordingly, project proponent had submitted an online application for issuance of TORs for obtaining Environmental Clearance for the project vide proposal no. vide proposal no. IA/PB/NCP/68632/2017 on 12/09/2017.

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 subparagraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan.

In view of the above, MoEF&CC has transferred the project to SEIAA vide proposal no. SIA /PB/NCP /22973/2018 on 03.04.2018.

### **1.1 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. In the said meeting, 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. 920 dated 29/10/2019

### **1.2 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 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.

SEAC raised the following observations to the project proponent:

1. As to whether a hard copy of the application 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 stated that a hard copy of the application has been submitted. However, a reply to the ADS is yet to be submitted. He sought time to comply with the other 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 1433 dated 03.02.2020 However, reply to the said letter is yet awaited.

## **2.0 Present Case**

### **2.1 Summary of the project**

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

<b>Sr. No.</b>	<b>Item</b>	<b>Details</b>
1	Name & Location of the project	Sunny Enclave (Area-139.76 Acres)



		Village Jandpur, Hasanpur & Manana. Sector-123, Dist. SAS Nagar
2	Project/activity covered under item of scheduled to the EIA Notification,14.09.2006	8(b) Townships and Area Development projects.
3	Copy of the Master plan duly marked with the project site	Submitted
4	Pre-feasibility report as per Ministry of Environment & Forests, Circular dated 30.12.2010.	Not submitted.
5.	Proof of ownership of land	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.	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	Residential Zone, Letter for approval of Revised layout plan obtained from Greater Mohali Area Development Authority vide Memo No: GMADA/DTP/2016/1358 dated 06.04.2016 & letter of correction of date vide Memo No: GMADA/STP/2017/260 dated 30.01.2017.

13	Cost of the project		231.36 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, etc.			
	Sr. No	Particulars	Area (m <sup>2</sup> )	Area (Acres)
	1.	Total Site Area (A)	5,64,034.66	139.376
	2.	Area Excluded from Site (B)	10,958.88	2.708
	3.	Net Area (C)= (A-B)	5,53,075.77	136.668
	4.	Area under Revenue Rasta (D)	13,832.15	3.418
	5.	Total Area of the scheme(E)= (C+D)	5,66,907.92	140.086
	6.	Area transferred to Govt. free of cost 2.5% under Punjab Govt. Policy dated 02.06.2015 of Sector Road) (F)	13,826.89	3.4167
	7.	Area Not including scheme(G)	22,060.62	5.4513
	8.	Net Planned Area(H)=[E-(F+G)]	5,31,015.10	131.2167
	9.	Residential Area (Plotted)	2,01,469.5	49.7842
	10.	Group Housing Area	16,996.79	4.2
	11.	EWS Area	61,536.9	15.2061
	12.	Commercial	11,110.64	2.7455
	13.	Education	21,228.19	5.2456
	14.	Public Buildings	13,330.74	3.2941
	15.	Green Area	34,209.69	8.4534
	16.	Reserved Area	5,849.73	1.4455
	17.	Road, Open Spaces, Parking and Utilities	1,65,282.92	40.8423
	18.	Total Number of Plots	985	--
16.	Estimated Population		23562 persons	
17.	Source of water supply		Ground Water (Tubewell)	
18.	Total water demand		3.4 MLD	
	Freshwater demand		2.4 MLD	

19.	Waste Water generation	2.7 MLD The Sewage treatment will be done in the common STP of capacity 7 MLD based on MBBR technology. The Treated water will be used for flushing and remaining will be disposed of to green area and sewer
20	Effluent utilization	Waste Water available at the outlet of STP -2.5 MLD, i) Flushing- 1.0 MLD ii) Plantation & Irrigation-188.15 KLD iii) Excess water discharged into Sewer
21	Proposed Green Area	34209.69 sqm
22.	Rainwater harvesting	8 number of rainwater harvesting pits provided at the site
23	Solid waste	About 9199 kg/day solid waste will be generated in the project. Biodegradable wastes & Non-Bio degradable waste will be disposed of according to Solid Waste Management Rules, 2016.
24	Hazardous waste	There will be no generation of hazardous waste in the project.
25.	Energy Requirements & Saving	The total demand load will be supplied by Punjab State Power Corporation Limited.

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

1	Proposal No	SIA/PB/NCP/23386/2018
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 & its reply	14.06.2018 Reply submitted on 14.02.2020, which was found incomplete. ADS raised on 05.05.2020 as per the decision of the 185 <sup>th</sup> meeting held on 29.11.2019.

7	Details of notice issued, if any	Issued vide no. 920 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 1433 dated 03.02.2020.
12	Reply in reference to letter no 1433 dated 03.02.2020	The project proponent has not submitted a reply to the observations.
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. The Project Proponent submitted a reply through email on 21.05.2017.

### **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. Rajesh Gupta, GM, representing the Project Proponent.
2. Ms. Daksha Gupta, EIA Coordinator, M/s Shiwalik Solid Waste Management Ltd., Environment Consultant of the project proponent.

The SEAC, after going through the presentation submitted by the Project Proponent observed a lot of discrepancies in the documents submitted by the Project Proponent regarding the details of the directors of the company & list of persons responsible for the violation of the EIA notification dated 14.09.2006, w.r.t signatures of the authorized signatory and the documents were without date & reference number. The Committee took serious note of this on part of the Environmental Consultant of project proponent and desired that his explanation be called.

SEAC further observed that as per the said notification, in cases of violation, action has to 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 Environment (Protection) Act, 1986.

It was apprised to the SEAC that SEIAA vide letter no 354 dated 02.04.2019 had sent a

list of 13 violation projects including the name of this project to PPCB to deal with these cases in accordance with the provisions of MoEF&CC Notification dated 14.03.2017 & 18.03.2018.

After detailed deliberations, SEAC decided that the following action be taken:

- a) SEIAA be requested to ask the PPCB to provide the details of the legal action taken against the responsible persons of the project in response to SEIAA letter no 354 dated 02.04.2019 and the construction status of the project (completed/not completed, if not completed then % of built-up area completed as on .....
- b) Project proponent be asked to submit a copy of Memorandum of Article & Association/partnership deed/undertaking of sole proprietorship/ List of Directors and names of other persons (with designation & complete address) responsible for the violation of the EIA Notification 14.09.2006, the verified signature of the authorized signatory and other documents (with date & reference number) duly signed by the EIA Coordinator & the project proponent.
- c) Explanation of the Environmental Consultant of the project proponent i.e., M/s Shivalik Solid Waste Management Ltd., be called in light of discrepancies found in the documentation work.

In compliance with the decision (b) & (c) of SEAC, the following actions have been taken by the SEAC:

- a) Project proponent was asked vide letter no 1682 dated 17.06.2020 to submit the information as sought above.
- b) Explanation of the Environmental Consultant of the project proponent i.e., M/s Shivalik Solid Waste Management Ltd. was called vide letter no 1683 dated 17.06.2020

In compliance with the decision taken at a), the case was placed before SEIAA for consideration.

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

The case was considered by the SEIAA in its 166<sup>th</sup> meeting held on 26.06.2020. SEIAA perused the deliberations made during the 189<sup>th</sup> meeting of SEAC held on 28.05.2020. After detailed deliberations, SEIAA decided as under: -

- i) To accept the recommendation of SEAC mentioned at Sr. No. 'a' and to take action as proposed by SEAC. Further, it was directed that separate letters be written to the Board mentioning all the previous correspondence for asking the construction status report and action taken report against the responsible person as per the Clause 3 of MoEF & CC Notification dated 14.03.2017 and as amended

on 08.03.2018. A copy of the same be also endorsed to the Zonal Office and Regional Office of the Board.

- ii) Direction under Section 5 of the Environment (Protection) Act, 1986 be issued to the project proponent to restrain him from carrying out further construction activity of the project and not to create any third-party interest in the project till it obtains the environmental clearance under EIA Notification dated 14.09.2006.

In compliance with the aforesaid decisions, the following actions have been taken:

- (i) The Member Secretary, PPCB has been requested vide letter no. 1882 dated 29.07.2020 to launch prosecution against the responsible persons and send the construction status report vide letter no. 1883 dated 29.07.2020. A copy of the same has not been endorsed to the concerned due to other the directions given by the MS, SEIAA on 29.07.2020.
- (ii) Direction u/s 5 have been issued vide letter no. 1884 dated 29.07.2020 to the Project proponent and a copy of the same has been endorsed vide letter no. 1885 dated 29.07.2020 to MS, PPCB for ensuring the compliance.

No report has been received from the PPCB, so far.

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

The case was considered by SEIAA in its 176<sup>th</sup> meeting held on 19.02.2021 wherein, SEIAA observed that no report from the PPCB has been received so far. SEIAA took a serious view of this being a major and long pending violation case.

After detailed deliberations, SEIAA decided to issue a reminder to the PPCB for sending the report in the matter. It was also decided that the matter be taken up with the Chairman, PPCB through e-office file.

In compliance with the aforesaid decision, PPCB has been issued a reminder vide 3620 dated 09.03.2021. The matter was also put up on the e-office on 26.02.2021. An another reminder was also send to the PPCB vide letter no. 3676 dated 07.04.2021.

Now, the Member Secretary, PPCB vide letter no. 2467 dated 03.05.2021 (Annexure-3) informed that the project site was visited by the officers of the Board along with representatives of the project on 10.03.2021. During visit, it was observed as under: -

- (i) The Chief Town Planner, Chandigarh vide no. 628 CTP (PB) / MPR-23 dated 03.02.2016 has approved map of 139.376 acre, for the plotted, group housing and commercial development.
- (ii) This project is an extension of existing project of Sunny Enclave, Sec-123, which is spread in an area of 177 acre of land on airport road. The project proponent has not provided any boundary wall to bifurcate the plotted development project.

- (iii) As per the approved layout map, there are 985 residential plots and land of 4.20 acre is reserved for group housing. No construction work has been started at the group housing project.
- (iv) The project proponent has reserved 2.74 acre land for commercial purpose and 8.53 acre of land is reserved for educational/public buildings.
- (v) About 30-40% of plotted development work has been completed and work to lay sewer line has been completed. No STP has been proposed and shown in drawing of approved building plan issued by CTP, Punjab, Chandigarh.
- (vi) The entire wastewater is treated through the existing STP installed in old Sunny Enclave and the capacity of the same is about 700 KLD, which is not adequate to cater the waste water of this project. The entire wastewater is discharge into Jyanti ki Rao (drain) without treatment.
- (vii) The project area is more than 50 hectare of land and thus the project is required to obtain Environment Clearance from the competent authority, which is covered under EIA notification dated 14.09.2006. The project has failed to obtained Environment Clearance of the said project till date and is violating the provisions of Water Act, 1974 and Air Act, 1981.
- (viii) Prosecution has been launched u/s 15, 16 read with section 19 of the Environment (Protection) Act, 1986 against the project proponent and the responsible persons in the court of Sub-Divisional Judicial Magistrate, Kharar. The case is now fixed for hearing on 09.07.2021.

#### **6.0 Deliberations during 182<sup>nd</sup> meeting of SEIAA held on 24.05.2021.**

The case was considered by SEIAA in its 182<sup>nd</sup> meeting held on 24.05.2021 through Video Conference which was attended by the following:

- (i) Sh. Rajesh Gupta, GM, representing the Project Proponent.
- (ii) S. Brahma and Ms. Daksha Gupta, EIA Coordinator, M/s Shiwalik Solid Waste Management Ltd., Environment Consultant of the project proponent.

SEIAA perused the report of the PPCB and observed that prosecution has been filed against the project proponent by the Board; about 30-40 % of the plotted development work has been completed; no STP has been proposed in the approved building plan however waste water is treated through the existing STP installed in old Sunny Enclave of capacity 700 KLD which is not adequate to cater to the waste water of the project and ultimately entire waste water was being discharged into Jayanti ki Rao (drain) without treatment.

SEIAA observed that SEAC in its 189<sup>th</sup> meeting had enlisted a large number of discrepancies in the documents submitted by the project proponent. SEAC had therefore called for the explanation of the Environmental Consultant of the project proponent

regarding these discrepancies. To this Environmental Consultant informed that reply of the same has already been submitted vide letter No. 918 dated 16.07.2020 to SEAC.

Further, to a query of SEIAA regarding compliance of the observations of the PPCB and directions issued by SEIAA u/s 5 of the Environment (Protection) Act, 1986, Environmental Consultant of the promoter company informed that compliance report of the same will be submitted within 10 days.

SEIAA further observed that Clause No's 4 and 5 of Notification dated 08.03.2018 regarding the permissibility of site under prevailing law, recommendations of Specific Terms of Reference and reply to the observations of SEAC submitted by the Environmental Consultant vide letter No 918 dated 16.07.2020 are required to be examined.

After detailed deliberations, SEIAA decided as under:

- i) Project Proponent be asked to submit the compliance reports in respect of the observations of PPCB and directions issued u/s 5 by SEIAA directly to SEAC within 10 days from the issuance of the proceedings of this meeting.
- ii) Case be remand to SEAC for examination and sending detailed recommendations with respect to the following :
  - a) Permissibility of the site w.r.t MOEF&CC Notifications dated 14.03.2017 as amended on 08.03.2018 and recommendation of specific Terms of Reference in case site is deemed suitable;
  - b) Reply to the observations of SEAC stated to have been submitted by the Environmental Consultant vide letter No 918 dated 16.07.2020;
  - c) Compliance made by the Project Proponent in respect of the observations of PPCB issued vide letter no. 2467 dated 03.05.2021;
  - d) Compliance made by the Project Proponent in respect of the directions issued by SEIAA u/s 5 of the Environment (Protection) Act, 1986, vide letter no. 1884 dated 29.07.2020.



**Item No. 182.04: 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-II" located in the revenue estate of Village Gazipur, Zirakpur, Tehsil Derabassi, District SAS Nagar, Punjab by M/s Mona Township Pvt. Ltd. (SIA/PB/NCP/22970/2018).**

SEIAA observed as under: -

### **1.0 Background**

The project namely Mona Green -II was started in 2013 & the built-up area of the project was less than 20,000 Sqm and thereafter, they got the plan revised and the built-up area has been increased which is more than 20000 Sqm i.e., 21711 sqm. They had started the construction without getting Environmental Clearance.

As per amendment 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, are to appraised for grant of Environmental Clearance only by the EAC and granted at the central level.

Accordingly, the project proponent had submitted the online application vide proposal no. IA/PB/NCP/69246/2017 on 13/09/2017 for issuance of TORs for obtaining Environmental Clearance to MOEF&CC,

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/22970/2018 on 28/03/2018.

### **1.1 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. In the said meeting, 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. 917 dated 29/10/2019

### **1.2 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.

Sh. Rishi Kapoor, 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 1429 dated 03.02.2020. However, no reply has been received so far.

## 2.0 Present Case

### 2.1 Summary of the project

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:

Sr. No.	Item	Details
1	Name & Location of the project	Expansion of a Group Housing Project namely "Mona Green-II" located in the revenue estate of Village Gazipur, Zirakpur, Tehsil Derabassi, District SAS Nagar, Punjab
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, MC, Zirakpur issued certificate vide letter no 2116 dated 15.04.2013 regarding land use to the effect that site is located within MC limit and as per the master plan of Zirakpur, project site falls in the residential zone and therefore, as per the guidelines issued by the Govt vide memo no 9/59/08-5/LG(3)/1166 dated

		16.07.2008, CLU for the project, is not required.		
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	32 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	10060 sqm	-	10060 sqm
	Built-up Area	17398 sqm	19850	21711 sqm

	Flats	157	30	187
	* Note: CTE was issued by the PPCB vide No. O14SASCTE637267 dated 02.01.2014, which was valid up to 31.1.2014 for the establishment of a group housing project named as "Mona Green-II" in an area measuring 10065 sqm. having 157 flats (built-up area of 17398 sqm.) at Village Gazipur, Zirakpur, Tehsil Dera Bassi, Distt. SAS Nagar.			
16.	Source of water supply	Ground Water (Tubewell)		
17.	Total water demand	126 KLD		
18.	Waste Water generation	100 KLD Treatment: -STP of 110 KLD Capacity		
19.	Effluent utilization	Recycled Water-15KLD, i) Uses- Flushing-7KLD, ii) Plantation & Irrigation-8KLD		
20.	Rainwater harvesting	Rooftop rainwater of buildings will be collected in 3 RWH tanks of total 50KLD capacity for harvesting after filtration		
21	Air pollution control	Chimney on DG sets		
22	Solid waste	About 0.37 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	i) The total power requirement during operation phase is 1050 KW and will be met from PSPCL, Punjab ii) Proposed energy-saving measures would save about 18 % of power		

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

1	Proposal No	SIA/PB/NCP/22970/2018
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. 917 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 1429 dated 03.02.2020.
12	Reply received in reference to letter no 1429 dated 03.02.2020	The project proponent has not submitted its reply online to the ADS.
13	Reminder	A reminder was issued through email 06.05.2020 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. The Project Proponent submitted a reply through Email on 21.05.2017.

### **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 SEAC, after going through the presentation submitted by the Project Proponent observed document submitted by the Project Proponent regarding the details of the

directors of the company & list of persons responsible for the violation of the EIA notification dated 14.09.2006 was not duly signed & stamped by the EIA consultant & the project proponent.

It was apprised to the SEAC that SEIAA vide letter no 354 dated 02.04.2019 had sent a list of 13 violation projects including the name of this project to PPCB to deal with these cases in accordance with the provisions of MoEF&CC Notification dated 14.03.2017 & 18.03.2018.

After detailed deliberations, SEAC decided that the following action be taken:

- a) SEIAA be requested to ask the PPCB to provide the details of the legal action taken against the responsible persons of the project in response to SEIAA letter no 354 dated 02.04.2019 and the construction status of the project (completed/not completed, if not completed then % of built-up area completed as on .....)
- (ii) Project proponent be asked to submit a copy of Memorandum of Article & Association/partnership deed/undertaking of sole proprietorship/List of Directors and names of other persons (with designation & complete address) responsible for the violation of the EIA Notification 14.09.2006 duly signed by the EIA Coordinator & him and verified signature of the authorized signatory duly signed by the EIA Coordinator & the project proponent.

In compliance to the decision (b) of SEAC, the project proponent was asked vide letter no 1684 dated 17.06.2020 to submit the information as above.

In compliance with the decision taken at a), the case was placed before SEIAA for consideration.

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

The case was considered by the SEIAA in its 166<sup>th</sup> meeting held on 26.06.2020. SEIAA perused the deliberations made during the 189<sup>th</sup> meeting of SEAC held on 28.05.2020. After detailed deliberations, SEIAA decided as under: -

- i) To accept the recommendation of SEAC mentioned at Sr. No. 'a' and to take action as proposed by SEAC. Further, it was directed that separate letters be written to the Board mentioning all the previous correspondence for asking the construction status report and action taken report against the responsible person as per the Clause 3 of MoEF & CC Notification dated 14.03.2017 and as amended on 08.03.2018. A copy of the same be also endorsed to the Zonal Office and Regional Office of the Board.

- ii) Direction under Section 5 of the Environment (Protection) Act, 1986 be issued to the project proponent to restrain him from carrying out further construction activity of the project and not to create any third-party interest in the project till it obtains the environmental clearance under EIA Notification dated 14.09.2006.

In compliance with the aforesaid decisions, the following actions have been taken:

- (i) The Member Secretary, PPCB has been requested vide letter no. 1886 dated 29.07.2020 to launch prosecution against the responsible persons and send the construction status report vide letter no. 1887 dated 29.07.2020. A copy of the same has not been endorsed to the concerned due to other the directions given by the MS, SEIAA on 29.07.2020.
- (ii) Direction u/s 5 have been issued vide letter no. 1888 dated 29.07.2020 to the Project proponent and a copy of the same has been endorsed vide letter no. 1889 dated 29.07.2020 to MS, PPCB for ensuring the compliance.

No report has been received from the PPCB, so far.

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

The case was considered by SEIAA in its 176<sup>th</sup> meeting held on 19.02.2021 wherein, SEIAA observed that no report from the PPCB has been received so far. SEIAA took a serious view of this being a major and long pending violation case.

After detailed deliberations, SEIAA decided to issue a reminder to the PPCB for sending the report in the matter. It was also decided that the matter be taken up with the Chairman, PPCB through e-office file.

In compliance with the aforesaid decision, PPCB has been issued a reminder vide 3621 dated 09.03.2021. The matter was also put up on the e-office on 26.02.2021. An another reminder was also send to the PPCB vide letter no. 3676 dated 07.04.2021.

Now, the Member Secretary, PPCB vide letter no. 2466 dated 03.05.2021 (Annexure\_4) informed that the project proponent was granted 'Consent to Establish' (NOC) under the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 vide no. O14SASCTE637267 dated 02.01.2014 for the establishment of group housing project named as "Mona Green-II" in an area measuring 10065 sqm. having 157 flats (built up area of 17398 sqm.) at Village Gazipur, Zirakpur, Tehsil Dera Bassi, Distt. SAS Nagar, which was valid up to 31.12.2014.

The project site was visited by the officers of the Board on 09.03.2021 and it was observed as under:

- (i) The project is a residential group housing project having 187 flats.
- (ii) The project is having 64 flats with G+4 configurations, 105 flats with S+9 configuration & 18 EWS flats.



- (iii) The project proponent has completed the construction of the entire colony.
- (iv) The project proponent has provided STP of unknown capacity, which was not in operation during visit & the physical condition of the same showed that it has not been operated since long.
- (v) The representative has not maintained log book regarding operation of STP.
- (vi) The untreated effluent was being discharges into MC sewer.
- (vii) The project is using groundwater as source of fresh water, but no record regarding abstraction of ground water is maintained.
- (viii) The solid waste from the project is lifted by MC authorized vendor. The project proponent has not provided any organic waste composting machine for composting of biodegradable waste.
- (ix) The project proponent has installed 2 DG sets capacity 125 KVA and 200 KVA with canopy but with inadequate stack height.
- (x) The project proponent has carried out the expansion without obtaining prior 'Consent to Establish' (NOC) of the Board and is now operating its outlet without obtaining consent to operate of the Board.
- (xi) Prosecution has been launched u/s 15, 16 read with section 19 of the Environment (Protection) Act, 1986 against the project proponent and the responsible persons in the court of JMIC, Dera Bassi. The case is now fixed for hearing on 01.06.2021.

#### **6.0 Deliberations during 182<sup>nd</sup> meeting of SEIAA held on 24.05.2021.**

The case was considered by SEIAA in its 182<sup>nd</sup> meeting held on 24.05.2021 through Video Conference which was attended by the following:

- (i) Sh. Deepak Gupta, Environmental Advisor, representing the Project Proponent.
- (ii) Sh. Sital Singh, EIA coordinator, M/s Chandigarh Pollution Testing Laboratory, Punjab, Environmental consultant of the Project Proponent.

The SEIAA perused the report of the PPCB and observed that prosecution has been filed against the project proponent by the Board; construction work of the entire colony has been completed; physical condition of the STP shows that the same has not been operated since long; log book regarding the abstraction of ground water was not maintained; mechanical composter has not been provided for the bio-degradable waste and adequate stack height has not been provided with the DG sets etc.

SEIAA further observed that Clause No's 4 and 5 of Notification dated 08.03.2018 regarding the permissibility of site under prevailing law and recommendation of Specific Terms of Reference are required to be examined.

To a query of SEIAA regarding compliance of the observations of the PPCB and directions u/s 5 of the Environment (Protection) Act, 1986, issued by SEIAA, Environmental Consultant of the promoter company informed that compliance report of the same will be submitted within 10 days.

After detailed deliberations, SEIAA decided as under:

- (i) Project Proponent be asked to submit the compliance reports in respect of the aforementioned observations of PPCB and directions issued u/s 5 by SEIAA directly to SEAC within 10 days from the issuance of these proceedings.
- (ii) Case be remanded to SEAC for examining the following and sending detailed recommendations with respect to the following:
  - a) Permissibility of the site w.r.t MOEF&CC Notifications dated 14.03.2017 as amended on 08.03.2018 and recommendation of specific Terms of Reference in case site is deemed suitable;
  - b) Reply to the observations of SEAC stated to have been submitted by the Environmental Consultant vide letter dated 22.07.2020;
  - c) Compliance made by the Project Proponent in respect of the observations of PPCB issued vide letter no. 2466 dated 03.05.2021;
  - d) Compliance made by Project Proponent in respect of the directions issued by SEIAA vide letter no. 1888 dated 29.07.2020 under Section 5 of the Environment (Protection) Act, 1986.

**Item No. 182.05: Application for issuance of TORs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of Group Housing Project namely "Orchard County" located in the revenue estate of village Sante Majra, Kharar - Landran Road, Kharar, District SAS Nagar, Punjab by M/s Ansal Lotus Melange Projects Pvt. Ltd. (SIA/PB/ NCP/ 22975/2018)**

SEIAA observed as under: -

### **1.0 Background**

M/s Ansal Lotus Melange Projects Pvt Ltd. was granted Environmental Clearance vide no 21-686/2007-IA.III dated 23.04.2008 for construction of group housing "Orchard County" at having built-up area 69388.316 sqm in the plot area 48090.24 sqm in the revenue estate of village Sante Majra, Kharar - Landran Road, Kharar, District SAS Nagar, Punjab, subject to the certain conditions by MoEF, New Delhi and for the following proposal: -

- (i) The project proponent had proposed to construct a residential colony with 584 flats (1 Block-56 EWS-16 Blocks-528 flats-2BR-252, 3BR-248, and Penthouse-22).
- (ii) The total water requirement will be 394 KLD (freshwater - 198 KLD).
- (iii) The capacity of STP proposed will be 394 KLD. Treated Wastewater will be used for flushing of toilets - 131 KLD and horticulture - 65 KLD and balance - 158 KLD will be disposed of in local municipal sewers.
- (iv) The total solid waste generation will be 1168 Kg/day (biodegradable - 584 Kg/day, Non-biodegradable - 350 Kg/day and inert waste - 233 Kg/day).
- (v) The total power requirement proposed is 4300 KW. Total parking spaces proposed are for 964 cars (Basement - 601, open -363).
- (vi) The total cost of the project was Rs. 95.03 Crores.

Later on, planning was changed and while submitting the application for expansion, M/s Ansal Lotus Melange Projects Pvt Ltd. submitted as under: -

- (i) The proposed project is located at Village Sante Majra, Kharar - Landran Road, Kharar, District Sahibzada Ajit Singh Nagar (Mohali), Punjab on a plot area of 48090.24 sqm. The total built-up area is approximately 104388.87 sqm
- (ii) The area falls within MC limits of Kharar and is under residential use as per the Master Plan of the area.
- (iii) They had increased the built-up area more than the area mentioned in environmental clearance granted to the project. Further, the validity of environmental clearance has also been expired.
- (iv) They had expanded the production beyond the limit of EC.

Being a case of violation of the provisions of EIA notification dated 14.09.2006 and as per amendment notification vide No S.O. 804 (E) dated 14-03-2017, they had submitted an online application for issuance of TORs for obtaining Environmental Clearance vide proposal no. IA/PB/NCP/ 69078/ 2017 to MOEF&CC 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. no. SIA/PB/NCP/22975/2018 on 28/03/2018.

### **1.1 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, 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.

The project proponent submitted a hard copy of the application on 23.10.2019.

### **1.2 Salient Features of the project**

The project proponent applied for issuance of TORs. The summary of the project is as under:

<b>Sr.No.</b>	<b>Item</b>	<b>Details</b>
1	Name & Location of the project	Group Housing Project "Orchard County" Village Sante Majra, Kharar - Landran Road, Kharar, District Sahibzada Ajit Singh Nagar (Mohali), Punjab

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		
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)	Not 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	Not submitted. However, it has mentioned that the area falls within MC limits of Kharar and is under residential use as per the Master Plan of the area.		
13	Cost of the project	200 Crores.		
14.	TORs Fee details	NA as the application submitted on 10.09.2017 i.e., before the date of Notification 27.06.2019		
15.	Detail of various components			
	SN	Description	Particulars	Unit
	1	Plot Area (11.88 acres)	48090.24	SQM
	2	Proposed Built Up Area	104388.87	SQM
	3	Number of Building Blocks (9 Res+1EWS)	10(9+1)	NOS

4	Total no of Saleable DU's (708+72EWS)	780	NOS
5	Max Height of Building	50.3	M
6	Max No of Floors (Residential Tower)	G+15	NOS
7	Expected Population	4012	PERSONS
8	Permissible Ground Coverage Area (35%)	16831.584	SQM
9	Proposed Ground Coverage Area (24.325%)	11698.205	SQM
10	Permissible FAR Area (2.00)	96180.48	SQM
11	Proposed FAR Area (1.94)	93613.32	SQM
12	Non-FAR & Other areas	8635.84	SQM
13	Proposed Built Up Area	104388.87	SQM
14	Water to be supplied	GMADA	-
15	Total Water Requirement	397	KLD
16	Freshwater requirement	246	KLD
17	Wastewater Generation	280	KLD
18	Proposed STP Capacity	340	KLD
19	Treated Water Available for Reuse	224	KLD
20	Recycled Water	151	KLD
21	Surplus treated water	73	KLD
22	Rain Water Harvesting Potential	14934.82	CUM
23	No of RWH of Pits Proposed	12	NOS
24	Proposed Total Parking	756	
25	Surface Parking	379	ECS
26	Basement Parking	377	ECS
27	Required Green Area	4106.336	SQM
28	Proposed Green Area (36.85%)	17704.465	SQM
29	Municipal Solid Waste Generation	2.01	TPD
30	Quantity of E-Waste Generation-Kg/Day	13.0	KG/DAY
31	Quantity of Hazardous Waste Generation	Oil =0.3	LTS/DAY
32	Quantity of Sludge Generated from STP	56	KG/DAY
33	Total Power Requirement	5800	KW
34	DG set backup	1050	KVA

16	Municipal wastes (domestic and or commercial wastes)	<p>(i) Solid waste generated from the residential block and other areas will be collected daily on door-to-door basis by the dedicated and trained housekeeping staff. Twin bin systems will also be provided for segregation at sources. Recyclable wastes will be sold to vendors and non- recyclable wastes will be disposed of through authorized agencies to the municipal waste disposal site.</p> <p>(ii) Biodegradable waste will be treated in an organic waste converter and will be used as a manure for horticulture development.</p> <p>(iii) MSW including horticulture waste will be handled as per the Municipal Solid Waste Management &amp; Handling Rules, 2016</p>
17	Detail of DG sets	DG set of 1050 KVA (1 X 300+ 1 X 750) is being used as a power backup during power failure. HSD (low sulfur variety as per availability) fuel is being used for DG sets.
18	Air pollution control	<p>(i) Chimney on DG sets</p> <p>(ii) Generators will be placed either in acoustic chambers or a canopy.</p>
19	Hazardous wastes (as per Hazardous Waste Management Rules)	<p>(i) Waste oil from DG sets is only hazardous waste generation from the project. This waste oil is being carefully stored in HDPE drums in isolated covered space and sold to recyclers authorized by CPCB/SPCB.</p> <p>(ii) Suitable care is being taken to prevent spills/leaks of used oil from storage.</p>
20	Give details of the water requirements met from water harvesting? Furnish details of the facilities create	(i) The rainwater collected from the rooftop, green area, and other paved areas will be collected through the network of stormwater drainage lines & conveyed to the RWH system.

		(ii) RWH system shall consist of de-silting cum filter chamber, oil and grease separator and pits are designed to store 15 minutes peak hour rainfall, for recharge into ground aquifer & to prevent flooding in the complex
21	Energy Requirements & Saving	The building envelop materials shall comply with ECBC norms on the whole building performance basis. The energy-saving shall be more than base capacity based on ECBC norms.

### 1.3 Complete details of the case, are summarised as under:

1	Proposal No	SIA/PB/NCP/22975/2018
2	Date of submission of application	13.09.2017
3	Date of acceptance of application	22.05.2018
4	Meeting of SEAC in which case was considered	167 <sup>th</sup> meeting held on 26.05.2018
5	ADS 14.06.2018	Submit a hard copy of the application.
7	Reply received in reference to ADS	The project proponent submitted the hard copy of the application on 23/10/2019
6	ADS 05.05.2020	1. As to whether the list of persons responsible for the violation has been submitted. 2. As to whether the project has been constructed at a site that 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?
8	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.

### 2.0 Deliberation during 190<sup>th</sup> meeting of SEAC held on 27.06.2020



The case was considered by SEAC in its 190<sup>th</sup> meeting held on 27.06.2020 through video conference which was attended by Sh. Sandeep Garg, EIA Co-ordinator, M/s Eco Laboratories & Consultants Pvt. Ltd on behalf of the project proponent.

SEAC was apprised that this case is a violation case and was applied in the window given by the MoEF vide Notification dated 14.03.2017 & 08.03.2018.

SEAC was further apprised that the project proponent vide letter dated 25.06.2020 had intimated that he was not able to attend the meeting and sought time to submit the reply of Additional Details Sought (ADS) by SEAC due to the present situation of Covid-19.

SEAC observed that the project proponent was not taking interest in pursuing the application in the past also. However, SEAC also recognized the current situation due to Covid-19.

### **3.0 Recommendation of SEAC**

After detailed deliberations, SEAC decided as under:

- a) SEIAA be requested to issue a direction under Section 5 of the Environment (Protection) Act, 1986 to the Project Proponent as under: -
  - i) It shall not carry out any further construction activity at its project site namely "Orchard County" Village Sante Majra, Kharar - Landran Road, Kharar, District Sahibzada Ajit Singh Nagar till it obtains environmental clearance under EIA notification dated 14/9/2006.
  - ii) It shall neither execute any sale deed within the project area nor create any third-party interest in the project till it obtains the environmental clearance under EIA Notification dated 14.09.2006.
- b) SEIAA be requested to ask PPCB to provide the details of the legal action taken against the responsible persons of the project as per the Clause 3 of MoEF & CC Notification dated 14.03.2017 (as amended on 08.03.2018) in response to SEIAA letter no 354 dated 02.04.2019 along with construction status of the project (completed/not completed, if not completed then % of built-up area completed as on .....)
- c) Simultaneously, the SEAC may ask the project proponent to submit the reply to ADS raised on 05.05.2020, within 15 days and to attend the meeting as and when the case is placed before SEAC. In case, the project proponent fails to submit the reply & appears in the meeting of SEAC, it will be presumed that the project proponent is not taking the matter seriously and the case will be delisted without any further

communication.

- d) The case be placed again before SEAC after getting the reply to ADS from the project proponent and prosecution status from the PPCB.

In compliance with the decision taken at a) & b), the case is placed before SEIAA for consideration.

#### **4.0 Deliberation during 167<sup>th</sup> meeting of SEIAA held on 31.07.2020**

The case was considered by the SEIAA in its 167<sup>th</sup> meeting held on 31.07.2020. SEIAA perused the deliberations made during the 190<sup>th</sup> meeting of SEAC held on 27.06.2020.

After detailed deliberations, SEIAA decided to accept the recommendation of SEAC mentioned at Sr. No. 'a' & 'b' and to take action as proposed by the SEAC. Further, it was directed that separate letters be written to the Board mentioning all the previous correspondence for asking the construction status report and action taken report against the responsible person as per the Clause 3 of MoEF & CC Notification dated 14.03.2017 and as amended on 08.03.2018.

In compliance with the aforesaid decisions, the following actions have been taken:

- (i) Direction u/s 5 have been issued vide letter no. 1925 dated 08.09.2020 to the Project proponent and a copy of the same has been endorsed vide letter no. 1926 dated 08.09.2020 to MS, PPCB for ensuring the compliance.
- (ii) The Member Secretary, PPCB has been requested vide letter no. 1923 dated 08.09.2020 to launch prosecution against the responsible persons and send the construction status report vide letter no. 1924 dated 08.09.2020.

No report has been received from the PPCB, so far.

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

The case was considered by SEIAA in its 176<sup>th</sup> meeting held on 19.02.2021 wherein, SEIAA observed that no report from the PPCB has been received so far. SEIAA took a serious view of this being a major and long pending violation case.

After detailed deliberations, SEIAA decided to issue a reminder to the PPCB for sending the report in the matter. It was also decided that the matter be taken up with the Chairman, PPCB through e-office file.

In compliance with the aforesaid decision, PPCB has been issued a reminder vide 3622 dated 09.03.2021. The matter was also put up on the e-office on 26.02.2021. An another reminder was also send to the PPCB vide letter no. 3676 dated 07.04.2021.

M/s Lotus Melange Projects Pvt. Ltd. vide letter dated 14.04.2021 has now intimated regarding the stay/recall of the proceedings, execution, summon and warrants against the Ansal Lotus Melange Projects Pvt. Ltd. and its Directors in pursuance of court order

in view of the order dated 07.04.2021 passed by NCLT, New Delhi under section 9 and section 14 of insolvency and bankruptcy code, 2016. A copy of the said letter which was annexed as Annexure-4 of Agenda.

The promoter company has requested that since insolvency proceedings have been commenced against the company Ansal Lotus Melange Projects Pvt. Ltd. by NCLT and it has stayed all judicial proceedings against the corporate debtor including **execution of any judgement, decree or order in any court of law, tribunal, arbitration panel or other authority**, so no proceedings can be initiated against the said company and its directors in view of the submissions made above.

#### **6.0 Deliberations during 180<sup>th</sup> meeting of SEIAA held on 26.04.2021.**

The case was considered by SEIAA in its 180<sup>th</sup> meeting held on 26.04.2021 through Video Conference, which was attended by Sh. Parvir Singh, DGM Projects, M/s Ansal Lotus Melange Projects Pvt. Ltd. and Dr. Sandeep Garg, M/s Eco Laboratories & Consultant Pvt. Ltd., Environmental Consultant on behalf of the promoter company.

To a query by SEIAA regarding the occupancy in the project, Sh. Parvir Singh, DGM Project informed that about 400 plots have already been handed over by them and occupied by the allottees. It was also informed that an auditor has been appointed for the start of liquidation process of the project.

SEIAA was also apprised that Sh. Ravdeep Singh, Assistant Environmental Engineer of the Regional Office, PPCB, Mohali was contacted telephonically who informed that a complaint u/s 15 & 16 read with section 19 of the Environmental (Protection) Act, 1986 has already been filed in the Hon'ble Court of Law.

SEIAA observed that M/s Ansal Lotus Melange Projects Pvt. Ltd. has failed to complete the project and insolvency proceedings have been commenced against the company by Hon'ble National Company Law Tribunal, Principal Bench, New Delhi and that the Tribunal vide order dated 07.04.2021 has stayed all proceedings against the corporate debtor including execution of any judgement, decree or order in any court of law, tribunal, arbitration panel or other authority.

After detailed deliberations, SEIAA decided to send the matter to Senior Advocate for taking the legal opinion with respect to the following aspects:

- (i) Can criminal proceedings u/s 15 & 16 read with section 19 of the Environmental (Protection) Act, 1986 be initiated / continued against the violators when the Hon'ble National Company Law Tribunal, Principal Bench, New Delhi has stayed all proceedings vide order dated 07.04.2021 against the corporate debtor including execution of any judgement, decree or order in any court of law, tribunal, arbitration panel or other authority?

- (ii) What legal action can be taken by the SEIAA in the matter, under the provisions of the EIA Notification, 14.09.2006 as amended time to time since this project was started without obtaining prior Environmental Clearance under the provisions of EIA Notification, 14.09.2006?

In compliance with the aforesaid decision, Sh. Sandeep Khunger, Sr. Advocate has been requested to provide the legal opinion vide letter 4115 dated 11.05.2021. However, the reply is yet awaited.

Now, the Member Secretary, PPCB vide letter no. 2464 dated 03.05.2021 (Annexure-5) informed that the project site was visited by the officers of the Board on 26.02.2021 to verify the construction status of the project. During visit, it was observed as under:

- (i) The project proponent has completed construction work of 516 flats and about 200-250 families are residing in these flats.
- (ii) The promoter company has proposed to construct additional 128 flats of (G+15) and 64 flats of (G+ 15) storied building. During visit, no construction activity was going at the site and the construction status remain same as observed earlier in the year 2018. The detail of construction status of the project at the site is as under:

Configuration	No. of Towers	No. of flats	Construction status
G+9	8no.	40 flats each i.e., total 320 flats	Construction work completed and families are residing.
G+9 (8 <sup>th</sup> / 9 <sup>th</sup> pent house)	8 no.	34 flats each i.e., total 320 flats	Construction work completed and families are residing.
G+3	2 no.	34 flats each i.e., total 68 flats	Construction work completed and families are residing.
G+15	1 no.	128 flats	Roof of 3 <sup>rd</sup> floor has been casted.
G+15	1 no.	64 flats	Roof of basement has been casted and column work above basement has been completed.
G+3 (EWS)	1 Block	72 flats	Civil construction work has been completed and finishing work is to be started.
Total flats		780	

- (iii) The project proponent has installed STP and the same was in operation at the time of visit.
- (iv) Prosecution has been launched u/s 15, 16 read with section 19 of the Environment (Protection) Act, 1986 against the project proponent and the responsible persons in the court of JMIC, Kharar. The case is now fixed for hearing on 15/6/2021.

#### **7.0 Deliberations during 182<sup>nd</sup> meeting of SEIAA held on 24.05.2021.**

The case was considered by SEIAA in its 182<sup>nd</sup> meeting held on 24.05.2021 through Video Conference, which was attended by Sh. Parvir Singh, DGM Projects, M/s Ansal Lotus Melange Projects Pvt. Ltd. and Dr. Sandeep Garg, M/s Eco Laboratories & Consultant Pvt. Ltd., Environmental Consultant on behalf of the promoter company.

SEIAA noted that the original EC had been issued in favour of M/s Ansal Lotus Melange Projects Pvt. Ltd but as per their own representation, proceedings had been initiated by NCLT under section 14 of Bankruptcy and Insolvency Code, 2016, against this firm. The Locus standi of M/s Ansal Lotus Melange Projects Pvt. Ltd to submit the application for issue of TOR's was, therefore, questionable. This basic issue could not be replied to satisfactorily by either the Project Proponent or their Environmental Consultant.

SEIAA was also apprised as under:

- (i) Website of M/s Ansal API, has been scrutinised and it was observed that Orchard County is a project of M/s Ansal API.
- (ii) M/s Ansal Lotus Melange Projects Pvt. Ltd. is a Joint Venture of M/s Ansal API and M/s Lotus Melange.
- (iii) The application bearing proposal no. SIA/PB/NCP/22975/2018 for issuance of Terms of Reference for expansion of Group Housing Project Namely "Orchard County" has been submitted by M/s Ansal Lotus Melange Pvt. Ltd against which proceedings have been initiated by NCLT under section 14 of Bankruptcy and Insolvency Code, 2016.

It is evident from Sr. No's (i), (ii) & (iii) above that the project proponent has either attempted to mislead SEIAA by submitting the wrong name of applicant i.e. M/s Ansal Lotus Melange Pvt. Ltd. or the information available on the website of M/s Ansal API regarding Orchard County being a project of M/s Ansal API, is incorrect. To this, Environmental Consultant has sought some time to clarify the same.

SEIAA observed that in the absence of basic clarity regarding the very ownership of the project, application submitted by the project proponent is required to be delisted.

After detailed deliberations, SEIAA decided to defer the case and issue show cause notice for delisting the Project to the Project Proponent affording a final opportunity to file their reply clarifying the ownership of the project as also their locus standi for seeking issue of TOR's after commencement of the insolvency proceedings initiated by the NCLT, New Delhi, within 30 days, failing which their application would be delisted.

**Item No. 182.06: Application for issuance of TORs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for the establishment of a Group Housing Project namely " OMEGA CITY" located at Kharar- Ludhiana Road, Tehsil Kharar, District SAS Nagar, Punjab by M/s Omega Infra Estates Pvt. LTD. (SIA/PB/NCP/22977/2018).**

SEIAA observed as under: -

### **1.0 Background**

The project proponent submitted that project namely "Omega City" was started in 2013 and the built-up area of the project was 16774 sqm which was less than 20,000 sqm and thereafter, they got the plan revised and the built-up area has been increased to 36445 sqm, which is more than 20000 Sqm. They had started the construction without obtaining Environmental Clearance.

Being a case of violation case and as per amendment 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, are to appraised for grant of Environmental Clearance only by the EAC and granted at the central level.

Accordingly, they had submitted the online application for issuance of TORs for obtaining Environmental Clearance vide proposal no. IA/PB/NCP/68670/2017 to MOEF&CC on 12/09/2017.

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/22977/2018 on 28/03/2018.

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

The case was considered by SEAC in its 167<sup>th</sup> meeting held on 26.05.2018 wherein, 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. The SEAC asked the project proponent why he has not yet submitted a hard copy of the application. To this, the project proponent replied that hard copy will be submitted shortly.

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 were raised online, and the project proponent submitted hard copy of the application on 06.09.2019

### **1.2 Salient features of project**

The project proponent applied for issuance of TORs. The summary of the project and EMP is as under:

<b>S.No.</b>	<b>Item</b>	<b>Details</b>
1	Name & Location of the project	Group Housing Project "OMEGA CITY" located at Kharar- Ludhiana Road, Tehsil Kharar, District SAS Nagar, Punjab
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		
4	Pre-feasibility report as per Ministry of Environment & Forests, Circular dated 30.12.2010.	Not submitted.		
5.	Proof of ownership of land	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	Not submitted. However, it has mentioned that the project site is located at village Khanpur near Kharar and the land for the proposed project conforms to the land use as per the Master plan		
13	Cost of the project	50 Crores.		
14.	TORs Fee details	NA as the application submitted on 10.09.2017 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	22825 sqm	-	22825 sqm



	Built-up Area	16774 sqm	19971	36445 sqm
	Flats	188 flats	218 flats	406
16.	Source of water supply		Ground Water Supply	
17.	Quantity of water		274 KLD	
18.	Waste Water generation		219 KLD	
19.	STP Capacity		225 KLD	
20.	Effluent utilization		69 KLD (i) Uses- Flushing-49 KLD, (ii) Plantation & Irrigation-20 KLD	
21.	Rainwater harvesting		Rooftop rainwater of buildings will be collected in 3 RWH tanks of total 70 KLD capacity for harvesting after filtration	
22.	Air pollution control		i) All the D.G. Sets shall be acoustically treated to restrict the noise within the permissible limits. ii) Stack of adequate height will be provided on DG sets	
23.	Solid waste		810 kg/day Bio-degradable and Non-biodegradable waste will be handled as per the MSW Rules, 2016	
24.	Hazardous waste		Used oil of D.G. Sets, will be stored in HDPE drums and kept in covered rooms under lock and key and will be sold to approved recyclers only.	
25.	Energy Requirements & Saving		i) 2200 KW from the PSPCL ii) Proposed energy-saving measures would save about 21% of the power.	
26.	Other facts		i) Consent to operate under the Water Act, 1974 for 188 flats have been issued by the SPCB. ii) Regional Deputy Director, Local Govt., Patiala vide letter no 15737 dated 25.10.2013 has issued amendment and CLU granted for 33 Bighe and 12 Biswa	

**1.3 Complete details of the case, are summarised as under:**

1	Proposal No	SIA/PB/NCP/22977/2018
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2	Date of submission of application	12.09.2017
3	Date of acceptance of application	22.05.2018
4	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	-
7	Reply received in reference to ADS	The project proponent submitted the hard copy of the application on 06.09.2019
8	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. The project proponent submitted reply on 25.06.2020

## **2.0 Deliberation during 190<sup>th</sup> meeting of SEAC held on 27.06.2020**

The case was considered by SEAC in its 190<sup>th</sup> meeting held on 27.06.2020 through video conference and was attended by the following:

1. Sh. Amritpal Singh, Director, on behalf of the project proponent.
2. Sh. Sandeep Garg, EIA Co-ordinator, M/s Eco Laboratories & Consultants Pvt. Ltd.

SEAC was apprised that this case is a violation case and was applied in the window given by the MoEF vide notification dated 14.03.2017 & 08.03.2018 and the project proponent submitted a reply on 25.06.2020 in response to the Additional Details Sought from him which was taken on record.

Before allowing the project proponent to give a presentation, the following observations were made by the Committee:

1. The project proponent is required to submit the details of Forest Clearance obtained for diversion of forest land.
2. As per the letter bearing no. 1567 dated 22.08.2019 issued by the Municipal Council, Kharar, the sewer facility is not available near the project. However, MC, Kharar has no objection, in case, the project proponent connects its internal sewer discharging treated wastewater in the sewer laid down by it. The Committee

observed that the proposal of the project proponent for providing the sewer connection at its own level does not seem to be feasible and he required to submit the following in this regard:

- i) The project proponent shall submit the detailed drawing indicating:
    - (a) Distance of the project sewer from the main sewer.
    - (b) Sewer alignment for joining the main sewer.
    - (c) Private land or Govt. land along with details of ownership from where the sewer passes
  - ii) The project proponent shall submit proper NOC/permission from the owner of the land.
  - iii) The project proponent shall submit a revised letter of MC, Kharar mentioning the carrying capacity of MC sewer & treatment capacity of STP with comments on the adequacy of the STP in light of the increased pollution load due to the project.
3. As per the proposal submitted by the project proponent, the present pollution load due to 188 flats was 217 KLD for which STP of 250 KLD capacity has been provided. However, after carrying out total construction, there will be 406 residential flats including 40 EWS flats.

SEAC observed that the proposed STP of capacity 250 KLD for complete project will not be adequate as the wastewater generation will be far higher than the treating capacity of the STP. Thus, the project proponent is required to submit a revised water balance along with a revised proposal for the treatment of sewage.

4. The water requirement of the project does not match with the CGWA requirement.

### **3.0 Recommendation of SEAC**

After detailed deliberations, the Committee decided as under:

- a) SEIAA be requested to issue a direction under Section 5 of the Environment (Protection) Act, 1986 to the project proponent as under: -
  - i) It shall not carry out any further construction activity at its project site namely "OMEGA CITY" located at Kharar- Ludhiana Road, Tehsil Kharar, District SAS Nagar, Punjab till it obtains environmental clearance under EIA notification dated 14/9/2006.

- ii) It shall neither execute any sale deed within the project area nor create any third-party interest in the project till it obtains the environmental clearance under EIA Notification dated 14.09.2006.
- b) SEIAA be requested to ask the PPCB to provide the details of the legal action taken against the responsible persons of the project as per the Clause 3 of MoEF & CC Notification dated 14.03.2017 (as amended on 08.03.2018) and as amended on 08.03.2018 in response to SEIAA letter no 354 dated 02.04.2019 along with construction status of the project (completed/not completed, if not completed then % of built-up area completed as on .....)
- c) Simultaneously, the SEAC may ask the project proponent to submit the reply to aforesaid observations (Sr No. 1 to 4) of SEAC, within 15 days and appear in the meeting as and when the case is placed before SEAC. In case, the project proponent fails to submit the reply & appears in the meeting of SEAC, it will be presumed that the project proponent is not taking the matter seriously and the case will be delisted without any further communication.
- d) The case be placed again before SEAC after getting the reply from the project proponent and prosecution status from the PPCB.

In compliance to the decision taken at a) & b), the case is placed before SEIAA for consideration.

#### **4.0 Deliberation during 167<sup>th</sup> meeting of SEIAA held on 31.07.2020**

The case was considered by the SEIAA in its 167<sup>th</sup> meeting held on 31.07.2020. SEIAA perused the deliberations made during the 190<sup>th</sup> meeting of SEAC held on 27.06.2020.

After detailed deliberations, SEIAA decided to accept the recommendation of SEAC mentioned at Sr. No. 'a' & 'b' and to take action as proposed by the SEAC. Further, it was directed that separate letters be written to the Board mentioning all the previous correspondence for asking the construction status report and action taken report against the responsible person as per the Clause 3 of MoEF & CC Notification dated 14.03.2017 and as amended on 08.03.2018.

In compliance with the aforesaid decisions, the following actions have been taken:

- (i) Direction u/s 5 have been issued vide letter no. 1928 dated 08.09.2020 to the Project proponent and a copy of the same has been endorsed vide letter no. 1929 dated 08.09.2020 to MS, PPCB for ensuring the compliance.
- (ii) The Member Secretary, PPCB has been requested vide letter no. 1927 dated 08.09.2020 to launch prosecution against the responsible persons and send the construction status report vide letter no. 1930 dated 08.09.2020.

No report has been received from the PPCB, so far.

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

The case was considered by SEIAA in its 176<sup>th</sup> meeting held on 19.02.2021 wherein, SEIAA observed that no report from the PPCB has been received so far. SEIAA took a serious view of this being a major and long pending violation case.

After detailed deliberations, SEIAA decided to issue a reminder to the PPCB for sending the report in the matter. It was also decided that the matter be taken up with the Chairman, PPCB through e-office file.

In compliance with the aforesaid decision, PPCB has been issued a reminder vide 3623 dated 09.03.2021. The matter was also put up on the e-office on 26.02.2021. An another reminder was also send to the PPCB vide letter no. 3676 dated 07.04.2021.

Now, the Member Secretary, PPCB vide letter no. 2465 dated 03.05.2021 (Annexure-6) informed that to verify the construction status of the project, the site was visited by the officers of the Board on 17/2/2021 and it was observed as under:

- (i) The project proponent has already completed structure work of 246 flats (206 + 40 EWS flats) in omega city.
- (ii) The project proponent has now' constructed two towers of G+4 building @ 160 flats in the omega city i.e. (141 flats of 3 BHK+16 flats of 2 BHK). The project proponent has also informed that they have handed over the possession of these flats to the buyers. The total capacity of flats @ 406 no. in the omega city (i.e., 206+40 EWS+160).
- (iii) Presently, no construction activity is going at the site.
- (iv) The representative informed that they have installed STP of capacity 250 KLD and same was in operation, during visit. The treated effluent is being discharge into MC sewer, Kharar.
- (v) The project proponent has also constructed 02 towers in Omega City-1 & 1 tower consist of 2 BHK@ 16 & another tower consist of studio apartment@ 72 flats. The wastewater is being treated through common STP @ 250 KLD installed in the Omega City.
- (vi) The project proponent has constructed one tower in omega green square. The project proponent has constructed flats of 2 BHK @ 24. The wastewater is being treated in common STP. The project proponent could not produce the record of wastewater generation as well as treated water at the time of visit.
- (vii) The representative informed that there is 80% population residing in these residential projects.

- (viii) The project proponent has informed that they have provided dual plumbing pipe only in 2 towers @ 160 flats, which is constructed recently. The representative has provided one tank of RCC @ 20 KL on each towers of G+4 building for treated water utilization for flushing purpose.
- (ix) The consent to operate under Water Act, 1974 and Air Act, 1981 of M/s Omega City was valid up to 31.03.2019 for the construction apartment @ 188 flats and the project proponent has applied for renewal of consent to operate on 09.07.2019 through online and same was refused by the Board vide dated 05.11.2019 due to non-obtaining of environmental clearance.
- (x) The total waste water generation for these 03 projects namely Omega City-1, Omega City & Omega Green Square is about 280 KLD. As per present occupancy, the capacity of STP is adequate. But the promoter company is required to enhance the capacity of STP to cater the effluent generated at full occupancy in these projects.

It is further submitted that the project proponent has completed the construction of project having 406 flats in violation to the directions issued by SEIAA to the project proponent. The project proponent has not given a construction work of any third-party interest. The entire project has been completed by the project proponent. Prosecution has been launched u/s 15, 16 read with section 19 of the Environment (Protection) Act, 1986 against the project proponent and the responsible persons in the court of Sub-Divisional Judicial Magistrate, Kharar. The case is now fixed for hearing on 02.06.2021. This is for your information and necessary action.

## **6.0 Deliberation during 182<sup>nd</sup> meeting of SEIAA held on 24.05.2021**

The case was considered by the SEIAA in its 182<sup>nd</sup> meeting held on 24.05.2021 through Video Conference which was attended by Dr. Sandeep Garg, M/s Eco Laboratories & Consultant Pvt. Ltd., Environmental Consultant on behalf of the promoter company.

SEIAA perused the report of the PPCB and observed that prosecution has been filed against the project proponent; construction work has been completed and about 80% of population is residing in the project; record of the waste water generation was not produced at the time of visit; capacity of the STP is required to be enhanced to cater the effluent generated at full capacity; dual plumbing has been installed in only 2 Towers; consent to operate under Water Act and Air Act have been refused by PPCB etc.

SEIAA observed that SEAC in its 190<sup>th</sup> meeting held on 27.06.2020 had raised certain queries and asked the project proponent to submit the reply within 15 days. To this Environmental Consultant informed that reply of the same has already been submitted vide letter dated 31.10.2020.

SEIAA further observed that Clause No's 4 and 5 of Notification dated 08.03.2018 regarding the permissibility of site under prevailing law and recommendations of Specific Terms of Reference have yet to be examined/ recommended by SEAC.

Further, to a query of SEIAA regarding compliance of the observations of the PPCB and directions issued u/s 5 issued by SEIAA, Environmental Consultant of the promoter company informed that compliance of the same will be submitted within 10 days.

After detailed deliberations, SEIAA decided as under:

- i) Project Proponent be asked to submit the compliance reports in respect of the aforementioned observations of PPCB and directions issued u/s 5 by SEIAA directly to SEAC within 10 days from the issuance of these proceedings.
- ii) Case be remanded to SEAC for examining and sending detailed recommendations with respect to the following:
  - a) Permissibility of the site w.r.t MOEF&CC Notifications dated 14.03.2017 as amended on 08.03.2018 and recommendation of specific Terms of Reference in case site is deemed suitable;
  - b) Reply to the observations of SEAC stated to have been submitted by the Environmental Consultant vide letter dated 31.10.2020;
  - c) Compliance made by Project Proponent in respect of the observations of PPCB issued vide letter no 2465 dated 03.05.2021;
  - d) Compliance made by Project Proponent in respect of the directions issued by SEIAA vide letter no. 1928 dated 08.09.2020 under Section 5 of the Environment (Protection) Act, 1986.

**Item No.182.07: 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)**

SEIAA observed as under:

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 which 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:

1.	Nature of project (EC for new project/EC for Expansion/ EC for existing & proposed project)	EC for Expansion
2.	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'



3.	Whether the project falls in the critical polluted area notified by MoEF&CC/CPCB. (Yes/No)	No																
4.	Total Project Cost (In Crores):  Total project cost breakup at current price level duly certified by Chartered Engineer/ Approved valuer or Chartered Accountant	<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"> <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																	
5.	Amount of EC Processing Fee deposited by NEFT/DD (Rs. In Lacs)	An amount of Rs. 7,48,800/- has been submitted in the favour of Punjab State Council for Science & Technology, payable at Chandigarh through RTGS vide UTR No.-N083211449965916 dated 24.03.21.																
6.	Details of technology proposed for control of emissions & effluents generated from project	<table border="1"> <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 tertiary</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 tertiary										
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				treatment and the RO will be utilized in cooling tower and boiler. Ro reject will be sent to MEE for further treatment.
		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
7.	Plot Area Details	Total Area – 11.5 Acres Green Area Development- 3.8 Acres (33% of total area)		
8.	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	This is an existing industrial land, and expansion project.  The industry is running since 2004, CLU was not required that time.		

	site as per proposals of Master Plan of the area. (Submitted/Not Submitted)																																	
9.	<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>	<p>No litigation is pending.</p> <p>No</p>																																
10.	Details of major productive machinery/plant:	<table border="1"> <thead> <tr> <th>Sr. NO.</th> <th>Name of equipment</th> <th>Quantity</th> <th>Capacity</th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center;">EXISTING</td> </tr> <tr> <td>1</td> <td>Boiler</td> <td>2 Nos.</td> <td>3TPH</td> </tr> <tr> <td>2</td> <td>Cooling Tower</td> <td>2 No's</td> <td>250TR</td> </tr> <tr> <td>3</td> <td>Cooling Tower</td> <td>2 No's</td> <td>400TR</td> </tr> <tr> <td>4</td> <td>Chilling unit</td> <td>2 No's</td> <td>120 &amp; 160 TR</td> </tr> <tr> <td>5</td> <td>RO Plant</td> <td>1 No</td> <td>200 KLD</td> </tr> <tr> <td>6</td> <td>MEE</td> <td>1 No</td> <td>60KLD</td> </tr> </tbody> </table>	Sr. NO.	Name of equipment	Quantity	Capacity	EXISTING				1	Boiler	2 Nos.	3TPH	2	Cooling Tower	2 No's	250TR	3	Cooling Tower	2 No's	400TR	4	Chilling unit	2 No's	120 & 160 TR	5	RO Plant	1 No	200 KLD	6	MEE	1 No	60KLD
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		7	DG Sets	4 No's	380 KVA+650 KVA
		AFTER EXPANSION*			
		1	Boiler	2 No's	5TPH each
		2	Cooling Tower	5 No's	250TR each
		3	Cooling Tower	5 No's	400TR each
		4	Chilling unit	4 No's	200 TR each
		5	RO Plant	1 No	200 KL/Day
		6	MEE	1 No	60KLD
		7.	ETP	1 no.	150 KLD
		8.	Agitated Thin Film Drier (ATFD)	1 no.	500 kg/Hr
		9.	DG Sets	8 No's	650 KVA each
11.	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.			
12.	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	Authorize d 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
13.	Solid waste generation in Operation Phase:	Waste		Post Project (TPA)	
		Card board		10	
		Wooden Pallets		20	
		Packing materials		8	
		Waste from the canteen		35	
14.	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			

15.	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
16.	Water balance chart for Summer, Rainy and Winter seasons (Submitted/Not Submitted)	Submitted			
17.	Rain Water utilization proposal during monsoons (Submitted/Not Submitted)	Submitted			
18.	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 KI/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>			
19.	Block wise details of no. of trees to be planted in	As per guidelines, the industry is to plant 1872 numbers of trees. 1650 numbers of trees have			

	proposed greenbelt area (1500 Trees to be planted @ 10000 Sqm area)	already been planted, and remaining 222 trees will be planted in monsoon of year 2021 and 2022.								
20.	Energy requirements & savings:  Energy saving measures to be adopted within industry:	<p>The details of the energy are given below:</p> <table border="1"> <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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4.	Waste from canteen (35 TPA)	To local persons for piggeries															
3.	The Project Proponent shall submit undertaking to the effect that in	Submitted															

order to rejuvenate the pond, desilting of the pond will be carried out in the month of April/May every year.	
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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 of 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 of 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.

### **3.0 Deliberations during 180<sup>th</sup> meeting of SEIAA held on 26.04.2021.**

The case was considered by SEIAA in its 180<sup>th</sup> meeting held on 26.04.2021 through Video Conference which was attended by Sh. Preet Mohinder Singh, Chief of Operation, M/s Saurav Chemicals Limited and Sh. Sital Singh, Environmental Consultant on behalf of the promoter company.

Before allowing presentation, to a query regarding verified compliance report of the conditions of Environmental Clearance obtained from the Ministry as per the OM dated 07.09.2017, Environmental Consultant informed that the project site was visited by the regional office of the MOEF&CC on 13.02.2019 and they had obtained the verified compliance report vide letter no. 5-62/2004-RO (NZ)/263 dated 01.05.2019 with certain observations. The reply to the said observations has been submitted to the Ministry. Thereafter, Environmental Clearance for expansion of the unit from existing production capacity of 4.60 TPM to 233.7 TPM was obtained from SEIAA vide letter no. 3370 dated 05.11.2020. Now, the project proponent has purchased additional land measuring 6707.64 sqm (after expansion total land 38618.08 sqm) and also desires some changes in the product mix and production capacities. Environmental Consultant requested that the earlier compliance report (on the basis of MOEF&CC site visit dated 13.02.2019) may be considered for the present expansion case also.

SEIAA observed that the verified compliance report is almost 2 years old. As such, fresh verified compliance report is required from the Regional office of MoEF, Chandigarh as per OM dated 07.09.2017 issued by the Ministry.

After detailed deliberations, SEIAA decided to defer the case and request the Regional Office of the MOEF&CC to send the verified compliance reports of the conditions of Environmental Clearance granted vide letter J-11011/146/2004-IA-II(I) dated



01.10.2004 and No 3370 dated 05.11.2020 so that further necessary action in the matter can be taken.

In compliance with the aforesaid decision, Regional Office of the MOEF&CC has been requested vide letter 4077 dated 05.05.2021 and copy of the same is endorsed to the project proponent vide letter no, 4078 dated 05.05.2021. Further, Dr. Vimal Hatwal, Joint Director (S) has contacted telephonically on 13.05.2021 and he informed that Regional Office of the MoEF&CC is not visiting the project site due to the Covid-19. Written communication in this regard will be send by the next week i.e., by Tuesday (18.05.2021). The written communication will be placed in the meeting of SEIAA held on 24.05.2021.

#### **4.0 Deliberations during 182<sup>nd</sup> meeting of SEIAA held on 24.05.2021.**

The case was considered by SEIAA in its 182<sup>nd</sup> meeting held on 24.05.2021 through Video Conference which was attended by Sh. Preet Mohinder Singh, Chief of Operation, M/s Saurav Chemicals Limited and Sh. Sital Singh, EIA coordinator, M/s Chandigarh Pollution Testing Laboratory, Punjab, Environmental consultant of the Project Proponent.

During the meeting, SEIAA was apprised that Regional Office of the MoEF, Chandigarh vide letter no. 352 dated 21.05.2021 (received through email on 21.05.2021) in reference to SEIAA letter no. 4077 dated 05.05.2021 informed that because of the extraordinary circumstances arising due to the lethal second wave of the Covid-19 pandemic, the monitoring of conditions of EC granted to M/s Saurav Chemicals Limited is not possible at this point of time. The visit will be conducted as soon the conditions are conducive to undertake such monitoring/visits. SEIAA also noted that Regional Office MOEF&CC had submitted an earlier certified compliance report of the Project on 01.05.2019 and the non-submission of a current certified compliance report was not on account of any fault of the Project Proponent.

In view of the above, SEIAA allowed the Environmental Consultant to present the self-verified compliance report of the conditions of Environmental Clearance granted to the project.

Thereafter, Environmental Consultant of the promoter company presented the self-certified compliance report of the EC conditions and salient features of the expansion project. During discussions, the representative of the promoter company agreed to fully comply with all the conditions recommended by SEAC for grant of EC.

SEIAA observed that the case stands recommended by SEAC and the Committee has awarded '**Silver Grading**' to the project proposal. SEIAA examined the details of the case and was satisfied with the same.

After detailed deliberations, SEIAA decided to accept the recommendations of SEAC and grant Environmental Clearance for the Expansion of API and Intermediate Bulk Drug Pharmaceutical manufacturing unit located at Village Bhagwanpura Tehsil- Derabassi

SAS Nagar, Punjab by "M/s Saurav Chemicals Limited" for increase in the production capacity from 2804.52 TPA to 2891.80 TPA with addition and deletion of certain products as per the details mentioned in the application (Form-2) and subsequent presentation /clarifications made by the project proponent and it's consultant with proposed measures and conditions as recommended by SEAC and additional conditions as under:

- i) As discussed and agreed, the project proponent shall explore the possibility of modification in the proposed/existing boilers for the utilization of crop residue as a fuel and submit its findings in this regard within 6 months' time.
- ii) As proposed, the project proponent shall adhere to the commitments made in the proposal for spending at least a minimum amount of Rs. 74 lacs on the following activities under the EMP: -

<b>Location</b>	<b>Activity proposed</b>	<b>Environment aspect</b>	<b>Cost</b>
Bhagwanpura, Tehsil Dera-Bassi, Distt. -SAS Nagar	Water coolers in schools and in other locations in the village as per requirements	Sanitation and Drinking Water	Rs 2.5 Lacs
	Plantation of trees around the boundary wall of schools and in other village areas	Aesthetics and Pollution Control	Rs 2.5 Lacs
	Solar light in schools and village roads	Energy saving/ Resource Conservation	Rs 12.0 Lacs
	Separate Toilets for boys and girls in school and in other places of village if required	Sanitation	Rs. 12.0 Lacs
	Repair of roads	Safety	2.5 Lacs
	Other requirements	---	2.5 Lacs
4. Kuranwala, Tehsil Dera-Bassi, Distt. SAS Nagar	Separate Toilets for boys and girls in school and in other places of village if required	Sanitation	Rs 13.0 Lacs
	Solar light in school and village roads	Energy saving/Resource Conservation	Rs 4.0 Lac
	Repair of village road and tree plantation	Aesthetics and Pollution Control	Rs. 20.0 Lakhs
	Health and Environment camps	Health and Education	3.0 Lakhs
	<b>Total</b>		<b>74.0 Akhs</b>

The amount to be spent on the above activities under the EMP shall be proportionate to the total amount spent on the project and such activities shall run parallel to the project execution. All the activities shall be completed within three years from the date of issue of Environmental Clearance.

- iii) As volunteered by the Project proponent, additional amount of Rs 15 lacs will be spent under EMP activities (over and above Rs 74 Lakhs detailed above) for purchasing "Bailers" which will use the post-harvest residual rice stalks and convert the same into compressed "Bails" for utilisation in Boilers which can use this fuel. This will reduce air pollution due to burning of agricultural waste. The Bailers shall be provided to the local farmers through Custom Hiring Centres (CHCs) in Villages Bhagwanpura and Kuranwala, Tehsil Dera-bassi, Distt. SAS Nagar and other nearby villages. This component of the EMP will be made fully operational in the coming paddy harvesting season so as to reduce air pollution which reaches a peak at the time of burning of agricultural residue in winter months.
- iv) Project Proponent shall ensure that the natural drainage channels in the project site including streams, drains, choes, creeks, rivulets etc. are not disturbed so that the natural flow of rain water etc is not impeded or disrupted in any manner.

**Item No. 182.08: Requests from the various project proponents for withdrawal of their applications filed under EIA notification, 14.09.2006 for obtaining Environmental Clearance.**

SEIAA observed as under:

It was submitted that 02 requests have been received online on the Parivesh Portal from the project proponents for withdrawal of their applications filed under EIA Notification, 14.09.2006 for obtaining Environmental Clearance. The details of the same are as per Annexure-7 of the Agenda.

The matter was considered by SEIAA in its 182<sup>nd</sup> meeting held on 24.05.2021, wherein SEIAA was apprised as under:

- (i) The project proponent has submitted revised application bearing proposal no. SIA/PB/MIS/204012/2021 on 16.03.2021 for the project namely "IREO City" which has already been considered by SEAC in its 200<sup>th</sup> meeting held on 07.05.2021. As such, withdrawal of the earlier application bearing proposal no. SIA/PB/MIS/203895/2021 submitted on 17.03.2021 namely "IREO City" may be allowed.
- (ii) The project proponent has submitted request for the withdrawal of application bearing proposal no. SIA/PB/MIS/179592/2020 on 24.03.2021 for the project "Aura Gazania" wherein it has been mentioned that amendment letter has already been issued by the MoEF &CC New Delhi. This fact has also been verified as amendment has been issued by the Ministry bearing proposal no. IA/PB/MIS/184907/2020 on 23.02.2021.

In view of the above, SEIAA decided to allow the withdrawal of applications bearing proposal no. SIA/PB/MIS/203895/2021 of "IREO City" located in the Village Dakha, Tehsil & Distt. Ludhiana and Proposal No. SIA/PB/MIS/179592/2020 of "Aura Gazania" located in the Village Zirakpur, Tehsil Derabassi, Distt. SAS Nagar.

**Item No 182.09: Request regarding exemption of STP from EC granted to our Super Mega Project Sec 66A, 82 and 83 SAS Nagar submitted by JLPL.**

The SEIAA observed as under:

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 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 was operational for last many years. It was 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 was 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 was, 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 21.09.2020.**

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 was not adopting the water balance as given at the time of obtaining Environmental Clearance. Thus, the project proponent was 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 by 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 along with 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 197th 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 up to tertiary level. The same was also conveyed by GMADA to JLPL vide letter no. 637 dated 12.03.2021.
- (e) After detailed deliberations with the representatives of M/s. JLPL, PPCB and GMADA at site, the observations 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 up to 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.

#### **5.0 Deliberations during 180<sup>th</sup> meeting of SEIAA held on 26.04.2021.**

The case was considered by SEIAA in its 180<sup>th</sup> meeting held on 26.04.2021 through Video Conference, which was attended by Sh. Hardeep Singh, Deputy Chief Engineer of JLPL and Dr. Sandeep Garg, M/s Eco Laboratories & Consultants Pvt. Ltd., as Environmental Consultant on behalf of the promoter company.

SEIAA perused the observations made by the SEAC in its 198<sup>th</sup> meeting held on 05.04.2021 and observed that project proponent was not complying with the conditions of Environmental Clearance granted to Super Mega Project vide letter no. 8257 dated 16.12.2015 with respect to the setting up of the STP in the project and re-using the treated Waste Water for flushing/plantation purposes.

To a query by SEIAA regarding why the Environmental Clearance granted to Super Mega Project should not be revoked due to aforesaid continuing violation of the EC conditions, Project proponent replied that though the STP has not been installed but the waste water

generated from the project is being treated in the Common STP installed by the GMADA for which they had paid the External Development Charges (EDC). They further contended that since they were not heard by SEAC, an opportunity of personal hearing was required to be given to them.

SEIAA was not satisfied with the reply of the project proponent due to the following reasons:

- (i) The Project proponent unilaterally adopted the practice of treatment of waste water through the Common STP of GMADA without getting the requisite amendment in the Environmental Clearance granted to the project from the SEIAA.
- (ii) Environmental Clearance was granted to the project on 16.12.2015 whereas the letter from GMADA relied upon by the Project Proponent for alternate methodology for treatment of waste water is of 16.04.2012 i.e., several years prior to the grant of EC. In case the Project Proponent had any issues regarding setting up their own STP as per EC condition, it was necessary to take up this matter prior to or at the time of granting of EC itself. However, Project Proponent did not obtain the required amendment and is operating the Project from more than 5 years in violation of the EC condition of setting up their own STP.
- (iii) It was also evident from the report of SEAC that GMADA is treating the Waste Water up to the secondary level only whereas for re-cycling of treated waste water for flushing purposes treatment up to tertiary level is required. Thus, the project proponent has clearly failed to comply with the condition of re-utilization of treated waste water for flushing/gardening purposes.
- (iv) The project proponent has not installed the STP till date for the Super Mega Project having a total land area of 10,65,861.004 sqm. This is in clear violation of the orders of the Hon'ble NGT dated 24.04.2017 whereby it has been specifically directed that no plans for building or construction over 10,000 sqm area including any commercial, industrial, and even residential area would be sanctioned by any legal authority in the entire country unless such sanctioned plan provides for setting up of an STP which shall bring sewage and domestic discharge within the prescribed parameters. The area of the project is 10,65,861.004 sqm which is more than 100 times the threshold figure of 10,000 sqm area stipulated by the Hon'ble NGT for setting up of own STP. Hence, the amendment in the conditions of EC which has now been requested by the project (to exempt it from installing its own STP) cannot be considered as it would be in violation of the aforesaid orders of the Hon'ble NGT.
- (v) Site inspection of the project was undertaken on 24.03.2021 by Sh. Parminder Singh Bhogal, Member SEAC, Sh. Pardeep Garg, Member Secretary, SEAC and Sh. Nikhil Gupta, AEE SEAC who were accompanied by Sh. Hardeep Singh, Deputy Chief Engineer of JLPL. The viewpoints of Sh. Hardeep Singh were duly heard and considered by the SEAC team during their inspection and were also considered by

SEAC in its 198<sup>th</sup> meeting held on 05.04.2021. The contention of the Project proponent that they were not heard by SEAC prior to the SEAC making its recommendations is, therefore, totally baseless and incorrect. Project Proponent and their Environmental Consultants were also present in the instant meeting of SEIAA but have not raised any new points which are not already on record or which have not been considered by SEIAA / SEAC.

To another query by SEIAA regarding the willingness of the Project Proponent for installation of the STP as per the condition imposed in the Environmental Clearance to the Project and additional remediation measures to compensate for the violation, Project Proponent informed that Sh. Kulwant Singh, Managing Director of JLPL was presently out of the city and held up due to Covid-19. He requested for some time to obtain the permission / concurrence of the Managing Director for the above measures and requested that the case be deferred for the next meeting of SEIAA.

After detailed deliberations, SEIAA decided to accept the request of the project proponent and deferred the case till the next meeting. However, it was made clear to the project proponent that the next meeting of SEIAA should be attended by the Managing Director personally or by a senior officer of the company who was duly authorized to make the required commitments on behalf of the Project Proponent regarding setting up of the STP and undertaking of additional remediation measures for the violation failing which Environmental Clearance granted to the project was liable to be revoked and other penal action under the Environment (Protection) Act 1986 initiated in respect of the violations.

In compliance with the aforesaid decision, the project proponent has been informed vide email dated 05.05.2021 as above and the case is placed before SEIAA for consideration.

#### **6.0 Deliberations during 181<sup>st</sup> meeting of SEIAA held on 10.05.2021.**

The case was considered by SEIAA in its 181<sup>st</sup> meeting held on 10.05.2021 through Video Conference, which was attended by Sh. Hardeep Singh, Deputy Chief Engineer of JLPL and Dr. Sandeep Garg, M/s Eco Laboratories & Consultants Pvt. Ltd., as Environmental Consultant on behalf of the promoter company.

Environmental Consultant and Project Proponent informed that the promoter company is now willing to install STP as per the conditions imposed in the Environmental Clearance granted to the project. Further, they will also take additional remedial measures to compensate for the violations.

SEIAA directed the project proponent to submit a duly notarized affidavit providing the complete details of the proposal for installation of STP and additional remedial measures proposed by the Project Proponent to compensate for the violation. The proposal should be submitted within 15 days and should include the cost to be incurred on the STP, Technology to be used, capacity of STP, components of STP, proposal for utilization of

treated waste water and time schedule for the completion of the STP. The proposal should further include the details of the additional remedial measures, cost to be incurred thereon and time schedule by which the remedial measures are proposed to be completed so that the same may be considered / approved by SEAC / SEIAA.

After detailed deliberations, SEIAA decided to defer the case and ask the project proponent to submit the duly notarized affidavit as above along with the aforesaid commitments and information within 15 days so that further action in the matter can be taken.

In compliance with the aforesaid decision, JLPL has submitted letter no. 1708 dated 12.05.2021 (Annexure-8) wherein it has been mentioned as under: -

- (i) Common STP of 2.8 MLD capacity will be installed within the "Super Mega Mixed Use Integrated Industrial Park" as per the earlier granted EC to cater all Super Mega project components.
- (ii) Design calculations along with schematic drawing of 2.8 MLD capacity based upon SBR Technology has been submitted.
- (iii) The common STP will be installed in the time frame of 18 months; PERT chart showing the same has been submitted.
- (iv) Till the common STP is installed, waste water may kindly be allowed to be continued and disposed off in GMADA STP of 45 MLD capacity as per the present arrangements.
- (v) Additional amount of Rs. 10 lacs will be spent as Environmental Compensation for remedial measures of community services in the COVID pandemic.

### **7.0 Deliberations during 182<sup>nd</sup> meeting of SEIAA held on 24.05.2021.**

The case was considered by SEIAA in its 182<sup>nd</sup> meeting held on 24.05.2021 through Video Conference, which was attended by Sh. Hardeep Singh, Deputy Chief Engineer of JLPL and Dr. Sandeep Garg, M/s Eco Laboratories & Consultants Pvt. Ltd., as Environmental Consultant on behalf of the promoter company.

SEIAA perused the reply submitted by the JLPL and observed that instead of submitting the required affidavit, a simple letter has been submitted in which cost to be incurred on the STP and proposal for utilization of treated waste water has not been provided. To this, project proponent agreed to submit a duly notarized affidavit providing the complete details as recorded in the proceedings of meeting of SEIAA held on 10.05.2021.

To a query by SEIAA regarding the ecological damage done by the promoter company and economic benefits which have accrued to the Project Proponent on account of the violation, Environmental Consultant informed that no ecological damage has been done to the Environment as the entire waste water generated from the project was being treated in the STP installed by the GMADA. They further contended that no economic

benefit has been derived from the violation as JLPL has already deposited EDC for the project amounting to Rs. 53.0 Crores to the GMADA against which external infrastructure services including sewer connectivity was to be provided by GMADA.

SEIAA was not fully satisfied with the above reply of the project proponent as the promoter company has operated its project without installation of the STP for more than five years. To this, project proponent informed that they are now willing to install the STP and the same shall be installed within 18 months. Moreover, they are also ready to incur an expenditure of Rs. 25 lacs towards remedial measures even though they had not damaged the ecology of project surrounding. They further requested that till the time STP has been completed, JLPL may please be allowed to treat the waste water in the STP of GMADA as there is no other practical or environmentally acceptable solution and because EDC charges for the same have already been deposited with GMADA.

SEIAA accepted the request of the project proponent and allowed the JLPL to treat the waste water in the STP of GMADA till their own STP was operational with the following conditions:

- (i) JLPL shall submit a duly notarized affidavit providing the complete details of the proposal for installation of STP and additional remedial measures proposed by the Project Proponent to compensate for the violation. The proposal should be submitted within 15 days and should include the cost to be incurred on the STP, Technology to be used, capacity of STP, components of STP, proposal for utilization of treated waste water and time schedule for the completion of the STP. The proposal should further include the details of the additional remedial measures of Rs 25 lakhs and time schedule by which these remedial measures are proposed to be completed.
- (ii) JLPL shall submit bank guarantee amounting to Rs. 30 lacs in the favour of Environmental Engineer, Regional Office PPCB, Mohali, as an assurance to complete the installation of STP of capacity 2.8 MLD within the project site in the proposed period of 18 months.
- (iii) JLPL shall submit interim reports at interval of three months to the SEIAA, Punjab regarding the progress of the construction of STP of capacity 2.8 MLD and progress of implementation of the additional remedial measures.

The project proponent accepted the aforesaid conditions and further agreed to submit the compliance of the same within 07 days.

After detailed deliberations, SEIAA decided to file the show cause notice issued to the JLPL vide letter no. 3194 dated 21.10.2020 and allow the JLPL to treat the waste water in the STP of GMADA as an interim measure till their 2.8 MLD STP was made operational subject to and upon receipt of the compliance of the aforesaid conditions listed at Sr No (i), (ii) and (iii) above.

**Item no. 182.10: 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 and SIA/PB/NCP/10626/2013).**

SEIAA observed as under:

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."*

## **2.0 Deliberations during 180<sup>th</sup> meeting of SEIAA held on 26.04.2021.**

The case was considered by SEIAA in its 180<sup>th</sup> meeting held on 26.04.2021 through Video Conference, which was attended by Sh. Hardeep Singh, Deputy Chief Engineer of JLPL and Dr. Sandeep Garg, M/s Eco Laboratories & Consultants Pvt. Ltd., Environmental Consultant on behalf of the promoter company.

SEIAA was apprised that the project proponent had earlier submitted an application for obtaining Environmental Clearance under EIA notification dated 14.09.2006 for development of a residential project namely 'Falcon View' at Sector-66 A, Distt. Mohali bearing Proposal No. SIA/PB/NCP/10626/2013 on 10.03.2016.

The SEIAA in its 132<sup>nd</sup> meeting held on 10.05.2018 decided to accept the recommendations of SEAC and issue the specific ToRs as recommended by the SEAC. The pending application of 'Falcon View' for obtaining environmental clearance will be appraised and decided after the receipt of revised EIA report incorporating the compliance of aforesaid specific ToRs in accordance with the provisions of EIA notifications dated 14.03.2017 and amendment dated 08.03.2018 issued by the MoEF&CC, New Delhi. The project proponent has not submitted the revised EIA report based upon the specific report and proposal no. SIA/PB/NCP/10626/2013 is lying pending with JLPL.

SEIAA was further apprised that JLPL has taken two different stands in this matter. On the one hand they have instituted a CWP No 21351 of 2016 in the Hon'ble High Court, of Punjab and Haryana, Chandigarh, with a prayer that no separate Environmental Clearance is required for their Falcon View project as they had obtained the Environmental Clearance for their area development "Super Mega project" whereas, on the other hand, they have submitted a fresh application bearing proposal no. SIA/PB/MIS/61019/2018 for obtaining Environmental Clearance under the EIA Notification, 14.09.2006 for the Falcon View project.

To a query by SEIAA regarding two different applications bearing proposal no. SIA/PB/NCP/10626/2013 and proposal no. SIA/PB/MIS/61019/2018 submitted to SEIAA by the Project Proponent, Environmental Consultant informed that both the applications are identical. SEIAA observed that project proponent is required to pursue his earlier application bearing proposal no. SIA/PB/NCP/10626/2013, which is pending with him for want of revised EIA report in accordance with the provisions of EIA Notifications dated 14.03.2017 and amendment dated 08.03.2018.

To another query by SEIAA as to whether the promoter company wanted to pursue their application with SEIAA for grant of Environmental Clearance for the project "Falcon View" by withdrawing the CWP 21351 of 2016 pending before the Hon'ble High Court or

whether they wished to continue with the stand taken by them in the CWP 21351 of 2016, Project Proponent informed that Sh. Kulwant Singh, Managing Director of JLPL was presently out of the city and held up due to Covid-19. He requested for some time to obtain the decision of the Managing Director in this regard and requested that the case be deferred for the next meeting of SEIAA.

After detailed deliberations, SEIAA decided to accept the request of the project proponent and deferred the case till the next meeting. However, it was made clear to the project proponent that the next meeting of SEIAA should be attended by the Managing Director personally or by a senior officer from the company who was duly authorized to make / convey the decision of the Project Proponent regarding withdrawal of the High Court case as also address any further queries by SEIAA in this regard.

SEIAA further decided that the application bearing proposal no. SIA/PB/MIS/61019/2018 be returned to the project proponent since identical application bearing proposal no. SIA/PB/NCP/10626/2013 is pending with the project proponent on the PARIVESH portal.

In compliance with the aforesaid decision, the project proponent has been informed vide email dated 05.05.2021 as above and the case is placed before SEIAA for consideration.

### **3.0 Deliberations during 181<sup>st</sup> meeting of SEIAA held on 10.05.2021.**

The case was considered by SEIAA in its 181<sup>st</sup> meeting held on 10.05.2021 through Video Conference, which was attended by Sh. Hardeep Singh, Deputy Chief Engineer of JLPL and Dr. Sandeep Garg, M/s Eco Laboratories & Consultants Pvt. Ltd., Environmental Consultant on behalf of the promoter company.

Environmental Consultant and Project Proponent informed that the promoter company now wishes to withdraw the CWP 21351 of 2016 instituted by them regarding their Project "Falcon View" which is pending before the Hon'ble High Court of Punjab and Haryana, Chandigarh. They further informed that Project Proponent now wants to pursue their application for grant of Environmental Clearance for their said 'Falcon View' Project.

Further, to a query by SEIAA, project proponent informed that construction will be stopped at site and will be recommenced only after grant of Environmental Clearance from SEIAA. To another query by SEIAA, project proponent informed that they are willing to take additional remedial measures to compensate for the violation.

Keeping the aforesaid in view, SEIAA directed the project proponent to submit a notarized affidavit stating that the CWP No 21351 of 2016 filed before the Hon'ble High Court, will be withdrawn and that construction will be stopped at site till grant of Environmental Clearance from SEIAA. The affidavit should also state the additional remedial measures proposed to be undertaken by the Project Proponent to compensate for the violation so that the same may be considered / approved by SEAC / SEIAA.

After detailed deliberations, SEIAA decided to defer the case and ask the project proponent to submit the duly notarized affidavit as above along with the aforesaid commitments and information within 15 days so that further action in the matter can be taken.

In compliance with the aforesaid decision, JLPL submitted a letter no. 1707 dated 12.05.2021 (Annexure-9) wherein it has been mentioned that they are submitting an affidavit stating that no construction to be taken up at the project site till the grant of Environmental Clearance. Further, they are willing to continue their previous application bearing proposal no. SIA/PB/NCP/10626/2013 wherein revised EIA report has been submitted. Whereas, application bearing proposal no. SIA/PB/MIS/61019/2018 will be withdrawn from the Parivesh Portal.

As such, it has been requested kindly consider their application having proposal no. SIA/PB/NCP/10626/2013 for the grant of Environmental Clearance.

#### **4.0 Deliberations during 182<sup>nd</sup> meeting of SEIAA held on 24.05.2021.**

The case was considered by SEIAA in its 182<sup>nd</sup> meeting held on 24.05.2021 through Video Conference, which was attended by Sh. Hardeep Singh, Deputy Chief Engineer of JLPL and Dr. Sandeep Garg, M/s Eco Laboratories & Consultants Pvt. Ltd., Environmental Consultant on behalf of the promoter company.

SEIAA perused the affidavit of Sh. Hardeep Singh, Deputy Chief Engineer, submitted on behalf of JLPL vide letter no. 1707 dated 12.05.2021 wherein it was mentioned as under:

- (i) That no construction activity is being carried out within the site presently and same will not be restarted before getting Environmental Clearance.
- (ii) That they are withdrawing the court case pending before Hon'ble High Court i.e., CWP 21351 of 2016.

SEIAA took the letter no. 1707 dated 12.05.2021 and affidavit dated 11.05.2021 of Sh. Hardeep Singh, Deputy Chief Engineer on record.

SEIAA observed that though the affidavit has been submitted for withdrawing the application but no request has been made for withdrawal of case before the Hon'ble High Court, Chandigarh. To this, project proponent stated that JLPL will submit withdrawal request of CWP 21351 of 2016 online to the Hon'ble High Court, Chandigarh, and the receipt of the same will be submitted to SEAC.

After detailed deliberations, SEIAA decided to remand the application bearing proposal no. SIA/PB/NCP/10626/2013 to SEAC for appraisal and for sending its detailed recommendations to SEIAA after obtaining the receipt of withdrawal of CWP 21351 of 2016 from the Hon'ble High Court of Punjab and Haryana , Chandigarh.

**Item no.182.11: Application for Environmental Clearance under EIA notification dated 14.09.2006 for the establishment of residential project namely "Galaxy Heights II" located at Sector-66A, Mohali, Distt. SAS Nagar, Punjab by M/s JLPL (SIA/PB/MIS/206248/2021).**

SEIAA observed as under:

The project proponent has filed an application for obtaining Environment Clearance under EIA notification, 2006 for establishment of residential project namely "Galaxy Heights II" located at **sector 66A, Mohali, SAS Nagar (Punjab)** with proposed built-up area as 48,336.64 Sqm in plot area of 3.59 acres (14,528.19 Sqm). 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.

### **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 report was sent by Punjab Pollution Control Board vide letter no. 1775 dated 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.

### **2.0 Deliberations during 199<sup>th</sup> meeting of SEAC held on 23.04.2021**

The meeting was attended by the following:

1. Sh. Hardeep Singh, Dy. Chief Engineer, on behalf of Project Proponent.
2. Sh. Sandeep Garg, EIA Coordinator, M/s Eco Laboratories Pvt Ltd.

SEAC observed that as per the report sent by the Punjab Pollution Control Board vide letter no. 1775 dated 05.04.2021 the Project Proponent did not start any construction activity at the site. The site was confirming to the siting guidelines laid down by the Govt. Punjab, Department of Science Technology and Environment vide order dated 25.07.2008 as amended on 30.10.2009.

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

Sr. no.	Description	Details
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.
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 = 48336.64 sq.m. Thus, Fees to be paid= Rs. 96,675/-							
10.	Plot Area & Built-up Area	Plot Area = 14,528.19 sq.m. Built-up Area = 48,336.64 sq.m.							
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.</p> <p>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
Season	Flushing (KLD)	Green area (KLD)	HVAC (KLD)	GMADA Sewer (KLD)																		
Summer	32	21	-	47																		
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 of 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 of 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	<p>Total power demand for the proposed project will be 1,200 KW (design load) which will be provided by Punjab State Power Corporation Limited.</p> <p><b>Energy Saving measures:</b></p> <p>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.</p>																				

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.	<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>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</p> <p>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)</p>			

SEAC raised following observations to the Project Proponent.

<b>Sr. no.</b>	<b>Observation raised by SEAC</b>	<b>Reply of the Project Proponent</b>
1.	The Project Proponent has proposed to discharge the wastewater in the GMADA sewer without treatment and proposed to get it treated in the 45 MLD STP of GMADA installed in Sector 83, Mohali. However, in the other projects coming up in the Super Mega Project, the Project Proponent had proposed to install separate STP at the time of obtaining Environmental Clearance of each individual project. What is the reason the Project Proponent has not proposed individual STP in this project.	The Project Proponent sought time to reply in this regard.
2.	The Project Proponent has proposed to utilize fresh water from the borewells provided in the Super Mega Project. The Project Proponent is required to submit documentary evidence in support of the claim that the Galaxy Height II was part of the ground water demand proposal of the Super Mega Project.	The Project Proponent sought time to reply in this regard.

SEAC accepted the request of the Project Proponent and decided to defer the case till next meeting subject to submission of reply by it.



### 3.0 Deliberations during 200<sup>th</sup> meeting of SEAC held on 07.05.2021

The meeting was attended by the following:

1. Sh. Hardeep Singh, Dy. Chief Engineer, on behalf of Project Proponent.
2. Sh. Sandeep Garg, EIA Coordinator, M/s Eco Laboratories Pvt Ltd.

SEAC asked the Project Proponent to submit reply to the observations raised by it in the previous meeting.

<b>Sr. no.</b>	<b>Observation raised by SEAC</b>	<b>Reply of the Project Proponent</b>
1.	The Project Proponent has proposed to discharge the wastewater in the GMADA sewer without treatment and proposed to get it treated in the 45 MLD STP of GMADA installed in Sector 83, Mohali. However, in the other projects coming up in the Super Mega Project, the Project Proponent had proposed to install separate STP at the time of obtaining Environmental Clearance of each individual project. What is the reason the Project Proponent has not proposed individual STP in this project.	The Project Proponent informed that it had proposed Common STP of 2.8 MLD capacity for the Super Mega Project at the time of obtaining Environmental Clearance for Galaxy Heights, Sky Gardens and IT Twin Towers. Similarly, it has proposed the same Common STP of 2.8 MLD capacity for Galaxy Heights -II also.
2.	The Project Proponent has proposed to utilize fresh water from the borewells provided in the Super Mega Project. The Project Proponent is required to submit documentary evidence in support of the claim that the Galaxy Height II was part of the ground water demand proposal of the Super Mega Project.	The Project Proponent submitted documentary evidence in the form of design calculation that Residential Pocket-II (Galaxy Heights-II) was part of the water demand of Super Mega project.

The SEAC further raised following observations to the Project Proponent:

<b>Sr. No.</b>	<b>Observation raised by SEAC</b>	<b>Reply of the Project Proponent</b>
1.	The Project Proponent shall install STP of 2.8 MLD capacity based on latest technology including tertiary treatment.	The Project Proponent agreed to install 2.8 MLD capacity STP based on SBR Technology including tertiary treatment

		for the Super Mega Project including Galaxy Heights-II and to re-use part of the same for flushing purposes in different projects falling in the Super Mega Project.
2.	The Project Proponent was asked to provide the details of water consumption viz-a-viz wastewater generation from the different components such as residential, EWS, commercial, institutional, industrial etc. falling in Sector 66A, Sector 82 & Sector 83.	The Project Proponent submitted the said details.
3.	As per the proposal, the total land area of the project is 14528.19 sqm but as per the KML file, the area of the site is about 12000 sqm.	The difference in the area between the actual area and the area shown in the KML file is due to oversight. The actual land area of the project is 14528.19 sqm. The Project Proponent submitted corrected KML file in this regard.

SEAC was satisfied with the reply of the Project Proponent and took it on record.

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 to M/s JLPL for the establishment of residential project namely "Galaxy Heights II" located at Sector-66A, Mohali, Distt. SAS Nagar, 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 and subject to the following conditions: -

**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 bye laws.
- 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 lightning, 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 up to 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 127 KL/day, out of which fresh water demand of 95 KL /day shall be met through borewells of Super Mega Mixed Use Industrial Project and remaining through recycling of treated wastewater from the STP of Super Mega project. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
- v) a) The total wastewater generation from the project will be 102 KL/day, which will be treated in proposed STP of 2.8 MLD capacity located within the Super Mega Mixed Use Industrial Project. 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>
1.	Summer	32	21
2.	Winter	32	7

3.	Rainy	32	2
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- 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-Laws 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 component 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 10 no. rain water 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 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 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 neighbouring 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 of 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 27<sup>th</sup> August, 2003 and 25<sup>th</sup> 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 of/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 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 (@ 185 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.

#### **X. Environment Management Plan**

- i) The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

- ii) A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iii) Action plan for implementing EMP and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year-wise funds earmarked for environmental protection measures shall be kept in separate accounts and not to be diverted for any other purpose. The project proponent shall spend the minimum amount of Rs. 106 Lacs towards the capital cost and Rs. 12 Lacs/annum towards recurring cost in the construction phase of the project including the environmental monitoring cost and shall spend the minimum amount of Rs. 15.1 Lacs/annum towards the recurring cost in operation phase of the project including the environmental monitoring cost. The entire cost of the environmental management plan will continue to be borne by the project proponent until the responsibility of the environmental management plan is transferred to the occupier/residents society under proper MOU under intimation to SEIAA, Punjab. Year-wise progress of implementation of the action plan shall be reported to the Ministry/Regional Office along with the Six-monthly Compliance Report.

**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 MoEF&CC/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.

#### **4.0 Deliberations during 182<sup>nd</sup> meeting of SEIAA held on 24.05.2021.**

The case was considered by SEIAA in its 182<sup>nd</sup> meeting held on 24.05.2021 through Video Conference, which was attended by following:

- (i) Sh. Hardeep Singh, Dy. Chief Engineer, on behalf of Project Proponent.
- (ii) Dr. Sandeep Garg, EIA Coordinator, M/s Eco Laboratories Pvt Ltd.

Environmental Consultant of the promoter company presented the salient features of the project. During discussions, the representative of the promoter company agreed to fully comply with all the conditions recommended by SEAC for grant of EC.

SEIAA observed that JLPL had already proposed a common STP of capacity 2.8 MLD to be installed in area development Super Mega Project for various Group Housing projects including Galaxy Heights, Sky Gardens, IT Twin Towers, Falcon View and Galaxy Heights-II. Further, the case stands recommended by SEAC and the Committee has awarded 'Silver Grading' to the project proposal. SEIAA examined the details of the case and was satisfied with the same.

After detailed deliberations, SEIAA decided to accept the recommendations of SEAC and grant Environmental Clearance for the establishment of residential project namely "Galaxy Heights II" located at Sector-66A, Mohali, Distt. SAS Nagar, Punjab by M/s JLPL having built up area 48336.64 sqm in a plot area of 3.59 acres (14,528.19 sqm) as per the details mentioned in the application and subsequent presentation /clarifications made by the project proponent and his consultant, with proposed measures, conditions as recommended by SEAC and additional conditions as under:

- i) Project Proponent shall ensure that the natural drainage channels in the project site including streams, drains, choes, creeks, rivulets etc are not disturbed so that the natural flow of rain water / other drainage channels is not impeded or disrupted in any manner.
- ii) As proposed, the project proponent shall adhere to the commitments made in the proposal for incurring an expenditure of at least Rs. 12 lacs on the following activities which will be included in the EMP: -
  - a) Provisions of water coolers, computers, school dresses including shoes, etc. in Government School, Papri.
  - b) Maintenance of toilets in Government School, Papri.

**Item No. 182.12 Application for Environmental Clearance of API manufacturing Industrial Unit Namely "M/s Essix Biosciences Limited" located at Plot No. – B4 & B5, Industrial Focal Point, Dera Bassi, SAS Nagar, Punjab. (Proposal No. SIA/PB/IND2/206547/2021).**

SEIAA observed as under:

The industry has applied for obtaining Environment Clearance for carrying out expansion of the existing unit at the same location with the increase in the production capacity from 160 Kg/day to 217.27 Kg/day. The industry has submitted all the requisite documents as per the EIA notification dated 14.09.2006 along with requisite fee of Rs. 50,000/- vide UTR No. IBKL210326875711 dated 26.03.2021. The industry also deposited Rs. 1,86,400/- vide DD no. 010538 dated 16.04.2021 and Rs. 1,00,000/- vide DD no. 010537 dated 16.04.2021.

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 30.03.2021 (on 27.03.2021), the project can be considered as B2 category project.

PPCB was requested to send the latest construction status report of the project through e-mail on 01.04.2021.

**1.0 Deliberations during 199<sup>th</sup> meeting of SEAC held on 23.04.2021**

The meeting was attended by the following:

1. Sh. Sandeep Garg, EIA Coordinator, M/s Eco Laboratories Pvt Ltd.
2. Mr. Atul Kumar Chaubey, authorized signatory, on behalf of Project Proponent.

SEAC observed that Punjab Pollution Control Board vide letter no. 2061 dated 19.04.2021 has sent the latest construction status report. The contents of the report are given as under:

*"In above regard, it is intimated that the industry was earlier granted consent to operate under the Water (Prevention & Control of Pollution) Act, 1974 vide no. CTOW/Renewal/SAS/2020/12685008 dated 20/07/2020 having validity up to 31/03/2021 and Air (Prevention & Control of Pollution) Act, 1981 vide no. CTOA/Renewal/SAS/2020/12684695 dated 13/07/2020 having validity up to 31/03/2021 for manufacturing of Pentazocin – 5 @ 0.160 MTD, CND – 4 to 9 @ 0.160 MTD, GA - 1 to 2 @ 0.160 MTD, B - 4, 5 @ 0.160 MTD, Ephedrine Hydrochloride @ 0.07 MTD, subject to suitable conditions. 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.*

*Now, in reference to your email dated 01.04.2021, it is intimated that M/s Essix Biosciences Ltd., B-4 & 5, Focal Point, Dera Bassi, Distt. SAS Nagar has applied for environmental Clearance for addition of products i.e. A-2 Intermediate of Atorvastatin Calcium; DMI-02 Intermediate of Donepezil Hydrochloride; EZE-III Intermediate of Ezetimibe; FEX – 8 Intermediate of Fexofenadrine; AZE-04 & AZE-05 Intermediates of ISLL-C-361; IMN – 03, IID-04 & IBV-07 Intermediates of Ivabradine; LET-01 Intermediate of Letrazole; MNPPA Intermediate of Ropinirole & PTZ -7 Intermediate of Pentazocine. The overall production capacity of the added products will be 217.27 kg/day.*

*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>
8.0	<i>Construction status of the proposal.</i>	<i>During the conduct of visit, it was verified that the industry has not installed the proposed additional machinery at site.</i>
9.0	<i>Status of physical structures within 500 m radius of the site including the status of industries, if any.</i>	<i>The industry is located in Industrial Focal Point, Dera Bassi at coordinates 30.6045801, 76.8557028. Being located on the Southern side of Industrial Focal Point, Dera Bassi, the industry is surrounded by industrial units in the North, East &amp; West side. Also, there exists one Choe namely Dhabi Nallah traversing from the back side of the industrial premises which connects with Dera Bassi Choe, which further leads to river Ghaggar. On the other side of the drain there exists many a residential project which are either already constructed/ occupied or are under construction such as Garden Enclave on the East side, Green Enclave on the Southern side, Ubber Palm Heights on the South West side, Bella Homes on the Western side, Parsvnath Builders on Southern side.</i>
10.0	<i>Whether the site meets with the prescribed criteria for setting up of such projects.</i>	<i>The industry is located in designated industrial area as per the provisions of the notified Master Plan of Dera Bassi, however, many a residential projects which are either already constructed/ occupied or are under</i>

		<i>construction are located within the 500 m radius of the industry. Although, the industry is meeting with the prescribed criteria for setting up of such projects, however, it is recommendable that the industry shall provide appropriate green belt of broad leaf trees towards the construction projects.</i>
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SEAC observed that the Project Proponent has not started any construction activity at the site.

SEAC allowed the Environmental Consultant of the Project Proponent to present salient features of the project which is 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 and the proposed project site lies in the same or neighbouring district of critically polluted area, then details the distance of project site from the boundary of critically polluted area verified by the regional office of SPCB. (Submitted/Not submitted)	No. The project does not fall in the critical polluted area notified by MoEF&CC/CPCB. The nearest critically polluted area is Ludhiana which is not within the district or neighbouring district.																									
3.	Total Project Cost (In Crores):  Total project cost breakup at current price level duly certified by Chartered Engineer/ Approved valuer or Chartered Accountant	(a) Total Project Cost (In Crores): Total estimated cost of the unit is Rs. 33.64 crores; out of which, existing project cost is Rs. 28.64 crores. (b) Total project cost breakup is given below: <table border="1"> <thead> <tr> <th>S.N</th> <th>Description</th> <th>Existing (Rs. In Crores)</th> <th>Proposed (Rs. in Crores)</th> <th>Total Cost (Rs. in Crores)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Cost of Land at current price level</td> <td>3.06</td> <td>-</td> <td>3.06</td> </tr> <tr> <td>2.</td> <td>Building</td> <td>2.43</td> <td></td> <td>2.43</td> </tr> <tr> <td>3.</td> <td>Plant &amp; Machinery</td> <td>21.58</td> <td>5</td> <td>26.58</td> </tr> <tr> <td>4</td> <td>Others</td> <td>1.56</td> <td>-</td> <td>1.56</td> </tr> </tbody> </table>	S.N	Description	Existing (Rs. In Crores)	Proposed (Rs. in Crores)	Total Cost (Rs. in Crores)	1.	Cost of Land at current price level	3.06	-	3.06	2.	Building	2.43		2.43	3.	Plant & Machinery	21.58	5	26.58	4	Others	1.56	-	1.56
S.N	Description	Existing (Rs. In Crores)	Proposed (Rs. in Crores)	Total Cost (Rs. in Crores)																							
1.	Cost of Land at current price level	3.06	-	3.06																							
2.	Building	2.43		2.43																							
3.	Plant & Machinery	21.58	5	26.58																							
4	Others	1.56	-	1.56																							

		<b>Total</b>	<b>28.64</b>	<b>5</b>	<b>33.64</b>	
4.	Details of technology proposed for control of emissions & effluents generated from project	<b>S. No.</b>	<b>Details of proposed APCD/STP/ ETP/ ZLD/ Continuous online monitoring system</b>	<b>Technology to be adopted by new unit/After expansion</b>	<b>Capacity proposed technology</b>	<b>of</b>
		1	APCD	Dust Collector followed by Wet Scrubber	-	
		2	ETP	Existing ETP	50 KLD capacity	
		3	Thermal Evaporator	-	Existing 10 KLD; After expansion 16 KLD	
		4	Continuous online emission/effluent monitoring system	Installed	.....	
5.	Plot Area Details	<b>S. No.</b>	<b>Details</b>	<b>Area</b>		
		1.	Total Land Area	9,699.27 sq.m.		
		2.	Total Covered Area	2,462.56 sq. m.		
		3.	Green Area (@ 25%)	2,400.34 sq. m.		
		4.	Roads & Other Area	4,836.37 sq. m.		
6.	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)	Project falls in Industrial Focal point, Derabassi of PSIEC.				
7.	ToR compliance report (Submitted/ not submitted)	TOR is not applicable as project is being submitted in Cat. B2 project.				

8.	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.					
9.	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. 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.	There is no litigation pending against the industry.					
10	Raw material details:	The list of raw materials is mentioned in Pre-feasibility report.					
11	Production Capacity details:	Current production: 160 Kg/day Production after expansion: 217.27 kg/day.					
12	Manpower requirement (After expansion)	150 persons. No additional workers are required for expansion.					
13	Details of Emissions (After expansion)	<b>S. No.</b>	<b>Source</b>	<b>Capacity</b>	<b>Chimney Height from GL</b>	<b>APCD</b>	<b>Fuel Used</b>
		1.	Boiler	1.5 TPH	24 m	Wet scrubber	Agro based Briquettes
		2.	DG Set	500 KVA-1No.	9.2 m	-	H.S.D
		3.	DG Set	380 KVA-1 No.	8.3 m	-	H.S.D
14	Hazardous/Non-Hazardous Waste Generation details & their storage, utilization, and its disposal. Copy of Agreement clearly mentioning the Quantity	<b>Category</b>	<b>Name of Hazardous</b>	<b>Existing load of Hazardous waste</b>	<b>Proposed total load of Hazardous waste after Expansion</b>	<b>Mode of Disposal</b>	
		5.1	Used Oil	240 Lit/annum	1100 Lit / annum.	Sale to Recycler (Shiva Traders)	

		20.3	Distillation Residue	3660 Lit/annum	329.83 kg / day	Send to Sister concern M/s Indswift Laboratories Limited for Incineration
		28.1	Process Salt And Waste	163520 kg/annum	135.19 kg / day	Send to Sister concern M/s Indswift Laboratories Limited for Incineration
		28.2	Spent Catalyst	-	5.37 kg / day	Send back to vendor for Reprocessing
		28.3	Spent Carbon	120 kg/annum	2.84 kg / day	Send to Sister concern M/s Indswift Laboratories Limited for Incineration
		28.4	Off Specification Drugs	18 kg/annum	2.0 kg / day	Send to Sister concern M/s Indswift Laboratories Limited for Incineration
		28.5	Date Of Expired Product	18 kg/annum	2.0 kg / day	Send to Sister concern M/s Indswift Laboratories Limited for Incineration
		28.6	Spent Solvent	-	3080.97 kg / day	Sale to Approved Vender
		33.1	Liners	-	10 kg / day	Sale to Approved Vender (Surya Chemicals)
		33.1	Discarded Containers	8 Nos / Month	10 Nos. / day	Sale to Approved Vender (Surya Chemicals)

		35.3	Etp Sludge	3 kg/day	35 kg / day	Send to Nimbua Greenfield (Punjab) Limited	
		37.3	Evaporation Residue		687.03 kg / day	Send to Nimbua Greenfield (Punjab) Limited	
15	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	30 kg/day			Composting and to piggeries ; for future mechanical composting
		Recyclable Paper	Kg/month	25	75	100	To be sold to the local scrap dealers.
16	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>Treatment method</b>	
		Low TDS Wastewater	13.7 KLD	31.3 KLD	45 KLD	Will be Treated in ETP of 50 KLD capacity. The treated waste water will be re-circulated in and cooling tower and	

						for landscape purpose. However, approx. 0.27 acre of landscape area has been developed under Karnal Technology for discharging treated wastewater.
		High TDS wastewater	10 KLD	6 KLD	16 KLD	Thermal evaporator of 16 KLD capacity will be provided for treatment of wastewater
17	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				
18	Breakup of Water Requirements & its source in Operation Phase:	<b>Sr. No</b>	<b>Description</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total (After Expansion)</b>
		1.	Fresh Water Demand	28.3 KLD	16.7 KLD	45 KLD
		2.	Source	Borewell & PSIEC		
		3.	Wastewater generated	13.7 KLD	31.3 KLD	45 KLD
		4.	ETP for low TDS wastewater	ETP of 50 KLD		

		5.	Thermal Evaporator for high TDS wastewater	10 KLD	6 KLD	16 KLD
		Sources of water:				
		<b>S.No.</b>	<b>Purposes</b>	<b>Source of water</b>		
		1.	Domestic	Tubewells & PSIEC		
		2.	Make-up water demand for cooling	Tubewells & treated water		
		3.	Green area water demand	Treated water		
19	Water balance chart for Summer, Rainy and Winter seasons (Submitted/Not Submitted)	The water balance chart for 3 seasons i.e. Summer, Winter and Monsoon submitted along with application.				
20	Rain Water utilization proposal during monsoons (Submitted/ Not Submitted)	Not submitted				
21	Rain Water Harvesting proposal (within/outside premises) along with NOC from concerned village sarpanch (Submitted/Not Submitted)	The industry is planning to adopt pond for rainwater recharging.				
22	Blockwise details of no. of trees to be planted in proposed greenbelt area (1500 Trees to be planted @ 10000 Sqm area):	<b>S. Nos.</b>	<b>Green Area (Sq.m.)</b>	<b>Existing Trees</b>	<b>Proposed Trees</b>	
		A.	5.60	05	-	
		B.	482.58	99	-	
		C.	244.24	30	-	
		D.	59.66	21	-	
		E.	607.47	122	05	
		F.	14.59	04	32	
		G.	38.67	08	01	
		H.	41.20	08	01	
		I.	60.28	08	03	
		J.	57.47	04	-	
		K.	115.38	11	-	
		L.	438.66	41	07	
		M.	234.54	27	17	



		<table border="1"> <tr> <td><b>Total Area</b></td> <td><b>Green Area</b></td> <td><b>=</b></td> <td><b>388</b></td> <td><b>36</b></td> </tr> <tr> <td><b>2400.34 Sq.m.</b></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	<b>Total Area</b>	<b>Green Area</b>	<b>=</b>	<b>388</b>	<b>36</b>	<b>2400.34 Sq.m.</b>																						
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		Total 2,400.34 sq.m. of green area has been provided within the industry. But 33 % area has not been earmarked for green area.																												
23	Energy requirements & savings:	<p>a. The details of the energy are given below:</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Description</th> <th>Unit</th> <th>Existing</th> <th>Proposed</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Power load</td> <td>KW</td> <td>1049</td> <td>-</td> <td>1049</td> </tr> <tr> <td>2.</td> <td>D.G sets</td> <td>KVA</td> <td>1 × 500 + 1 × 380</td> <td>-</td> <td>1 × 500 + 1 × 380</td> </tr> </tbody> </table> <p>Energy saving measures to be adopted within industry:</p>	S. No.	Description	Unit	Existing	Proposed	Total	1.	Power load	KW	1049	-	1049	2.	D.G sets	KVA	1 × 500 + 1 × 380	-	1 × 500 + 1 × 380										
S. No.	Description	Unit	Existing	Proposed	Total																									
1.	Power load	KW	1049	-	1049																									
2.	D.G sets	KVA	1 × 500 + 1 × 380	-	1 × 500 + 1 × 380																									
		Replaced existing CFL lamps with lower wattage LED lamps in manufacturing facility to save energy of 100 Units/day. Efficiency of small chilled water compressor (40 HP) increased to reduce big compressor (120 HP) running hrs resulting in saving of 300 units per day.																												
24	EMP Budget details	<p>a. EMP budget details:</p> <table border="1"> <thead> <tr> <th>No</th> <th>Environmental Protection Measures</th> <th>Capital Cost Rs. Lakh</th> <th>Recurring Cost Rs. Lakhs/ annum</th> </tr> </thead> <tbody> <tr> <td></td> <td>Air Pollution Control</td> <td>4</td> <td>1</td> </tr> <tr> <td></td> <td>Water Pollution Control</td> <td>35</td> <td>2</td> </tr> <tr> <td></td> <td>Landscaping</td> <td>2</td> <td>0.5</td> </tr> <tr> <td></td> <td>Solid &amp; Hazardous Waste Management</td> <td>10</td> <td>9.5</td> </tr> <tr> <td></td> <td>Environment Monitoring &amp; Management</td> <td>11</td> <td>4</td> </tr> <tr> <td></td> <td>Occupational Health Surveillance</td> <td>0</td> <td>0.5</td> </tr> </tbody> </table>	No	Environmental Protection Measures	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakhs/ annum		Air Pollution Control	4	1		Water Pollution Control	35	2		Landscaping	2	0.5		Solid & Hazardous Waste Management	10	9.5		Environment Monitoring & Management	11	4		Occupational Health Surveillance	0	0.5
No	Environmental Protection Measures	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakhs/ annum																											
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	Landscaping	2	0.5																											
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	Environment Monitoring & Management	11	4																											
	Occupational Health Surveillance	0	0.5																											
	Details of Environment Management Cell (EMC) responsible for implementation of EMP																													

		7.	Safety training to workers	0	0.25	
			<b>Total</b>	<b>62</b>	<b>17.75</b>	
		b. Details of Environment Management Cell (EMC) responsible for implementation of EMP. Mr. Atul Kumar Chaubey, Vice President (HR & EHS) of M/s Essix Biosciences Limited is responsible for implementation of Environment Management Plan.				
25	Details of the activities proposed to be covered under CER be provided.	Mr. Atul Kumar Chaubey, Vice President (HR & EHS) of M/s Essix Biosciences Limited will be responsible for implementation of CER (Corporate Environment Responsibility). As per notification, CER is part of EMP only.				
26	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 Industrial Focal Point of PSIEC, Derabassi.				

SEAC raised following observations to the Project Proponent.

<b>Sr. No.</b>	<b>Observations</b>	<b>Reply</b>
1.	The Project Proponent is required to submit proper proposal for green belt development to the tune of 33% of the total project area.	The Project Proponent sought some time to give reply in this regard.
2.	The Project Proponent is required to submit proper proposal for rainwater harvesting.	The Project Proponent sought some time to give reply in this regard.

SEAC accepted the request of the Project Proponent and decided to defer the case till next meeting subject to submission of reply by it.

## **2.0 Deliberations during 200<sup>th</sup> meeting of SEAC held on 07.05.2021**

The meeting was attended by the following:

1. Sh. Sandeep Garg, EIA Coordinator, M/s Eco Laboratories Pvt Ltd, Mohali.
2. Mr. Atul Kumar Chaubey, authorized signatory, on behalf of Project Proponent.

SEAC allowed the Project Proponent to submit reply to the observations raised in the earlier meeting, which he replied as under:

<b>Sr. No.</b>	<b>Observations</b>	<b>Reply</b>
1.	The Project Proponent is required to submit proper proposal for green belt development to the tune of 33% of the total project area.	The Project Proponent has already kept 25% of plot area i.e. 2,400.34 Sqm. under green belt within the project premises. He further made 10 year lease agreement for additional land of 1,500 Sqm to meet the requirement of 33% green belt development. The additional land is located in village Haibatpur, Dera Bassi which is at a distance of 2.97 Km from the project site. The Project Proponent submitted lease agreement and land document in this regard. Thus, overall green area will be 3,900.34 Sqm. (which is 40.21% of plot area) which includes i.e. 2,400.34 Sqm. as well as additional land of 1,500 Sqm. Landscape plan showing the green area within the premises as well as on the additional land has been submitted.
2.	The lease is valid for a period of 10 years. The Project Proponent is required to submit proposal to be adopted for maintenance of green area in case the lease is not renewed.	The Project Proponent submitted that the lease deed of additional land measuring 1,500 Sqm. for development of green area will be renewed prior to expiry of validity of lease. Further, in case lease is not renewed then, other land will be arranged for development of green area.
3.	The Project Proponent is required to submit proper proposal for rainwater harvesting.	The Project Proponent submitted that village pond in Village Rampur Bahal, Tehsil Dera Bassi, District SAS Nagar will be adopted. The Project Proponent submitted a copy of the NOC given by Sarpanch in this regard.

SEAC was satisfied with the reply given by the Project Proponent and took the copy of the same on record.

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 the existing unit namely "M/s Essix Biosciences Limited" located at Plot No. – B4 & B5, Industrial Focal Point, Dera Bassi, SAS Nagar, Punjab 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 16<sup>th</sup> 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 will provide Thermal Evaporator of 16 KLD for the treatment of high TDS wastewater generated from the process. The condensate shall be utilized in the cooling tower and boiler. ETP of 50 KLD capacity will be provided for the treatment of low TDS wastewater, sewage water and wastewater generated from floor washing and Equipment washing. The treated wastewater from the ETP shall be utilized in the cooling tower, boiler as well as for landscaping.
- 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 45 KLD which will be met through borewell as well as PSIEC supply. 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 at the borewell for abstraction of ground water if any, outlet of the ETP 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 of 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 of 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 in an additional land of 1500 sqm. in village Haibatpur, Dera Bassi as per proposal submitted by the Project Proponent. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Total 474 trees (out of which, existing 388 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. Environment Management Plan**

- i) The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting



infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

- ii) A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior General Manager, who will directly to the head of the organization.
- iii) Action plan for implementing EMP and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year-wise funds earmarked for environmental protection measures shall be kept in separate accounts and not to be diverted for any other purpose. The project proponent shall spend the minimum amount of Rs 32.0 Lacs towards the capital cost and Rs 17.75 Lacs/annum towards recurring cost of the project including the environmental monitoring cost. The entire cost of the environmental management plan will continue to be borne by the project proponent until the responsibility of the environmental management plan is transferred to the occupier/residents society under proper MOU under intimation to SEIAA, Punjab. Year-wise progress of implementation of the action plan shall be reported to the Ministry/Regional Office along with the Six-monthly Compliance Report.

#### **X 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

#### **XI. 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.

## **XII. 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 pond located at Village Rampur Bahal 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.

### **3.0 Deliberations during 182<sup>nd</sup> meeting of SEIAA held on 24.05.2021.**

The case was considered by SEIAA in its 182<sup>nd</sup> meeting held on 24.05.2021 through Video Conference, which was attended by following:

- (i) Mr. Atul Kumar Chaubey, Vice President, Environmental Head on behalf of Project Proponent
- (ii) Dr. Sandeep Garg, EIA Coordinator, M/s Eco Laboratories Pvt Ltd, Mohali.

Before allowing presentation, to a query by SEIAA regarding the requirement of Environmental Clearance under the provision of EIA Notification 14.09.2006/EIA Notification dated 27.01.1994, project proponent submitted an undertaking to the effect that

- (i) Punjab State Industrial Development Corporation Ltd. (PSIDCL) vide letter dated 25.02.1992 (Annexure-1) had allotted the industrial plot to M/s Altus Organic Ltd. A copy of the possession certificate dated 31.07.1992 (Annexure-2) has also been submitted. M/s Altus Organic Ltd. has also obtained site clearance vide letter no. 6095 dated 27.12.1993 from site appraisal committee.
- (ii) Thereafter, M/s Altus Organic Ltd. has been taken over by M/s Morian Chemicals Ltd. and the approval of site has been obtained vide letter no. 4826 dated 18.11.2004 (Annexure-3) from the Govt. of Punjab, Department of Labour & Employment on the recommendations of State Competent Authority cum Site Appraisal Committee constituted u/s 41-A of the Factory Act, 1948. Consent to Operate under the provisions of Section 25/26 of Water Act, 1974 vide certificate no. F-150 dated 15.03.2005 (Annexure-4) and Section 21 of Air Act, 1981 vide certificate no. F-158 dated 15.03.2005 (Annexure-5), authorization operating facility for collection and storage of hazardous waste vide authorization no. F-2047 dated 19.07.2004 (Annexure-6) have also been obtained from the Punjab Pollution Control Board.
- (iii) Punjab Small Industries & Export Corporation Ltd. has transferred the above industrial plot in the name of M/s Essix Biosciences Ltd. vide letter dated 09.04.2008 (Annexure-7). Further, consent to operate in the name of M/s Essix Biosciences Ltd. has also been obtained from the Punjab Pollution Control Board vide certificate no. 12685008 dated 20.07.2020 under section 25 of the Water Act, 1974 (Annexure-8) and vide certificate No. 12684695 dated 13.07.2020 under section 21 of Air Act, 1981 (Annexure-9), which are valid up to 31.03.2021. Renewal of the applications of Consent to operate under both the Acts is under process with PPCB. Also, all other statutory clearances have also been taken from time to time.
- (iv) Further, as per the Master Plan of the Derabassi, the site of the industry falls in the Industrial Zone. They are now planning for the expansion of the industry on account of the increased demand of products due to the Covid-19 pandemic.
- (v) As per EIA Notification, 14.09.2006 the project falls under "A" category but now, as per notification S.O. 1223 (E) dated 27.03.2020 & S.O. 3636 (E) dated 15.10.2020 issued by the MOEF&CC, "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' Projects to ensure drug availability or production to reduce the impact of Novel Coronavirus".

Project proponent has requested to grant the Environmental Clearance considering the old record available with the company and the current epidemic situation. An undertaking submitted in this regard along with above Annexures was taken on record by SEIAA.

After considering the aforesaid submissions of project proponent, SEIAA observed that the industry is an Active Pharmaceutical Ingredient (API) unit and relaxation has already been given by the Govt. of India for considering the project under category B2. SEIAA further noted that a continuity of operations for operation as an API unit has been established from 1992 to the present date through the documents submitted by the Project Proponent. All other statutory clearances have also been taken from time to time. Project Proponent is now seeking EC for expansion of the industry for the manufacturing of API products from 160 kg/day to 217.27 kg/day.

In view of above, SEIAA decided to allow the Environmental Consultant to make a presentation of the project with a condition that project proponent shall spend an additional amount of Rs. 25 lacs under its EMP for purchasing "Bailers" which will use the post-harvest residual rice stalks and convert the same into compressed "Bails" for utilisation in Boilers which can use this fuel. This will reduce air pollution due to burning of agricultural waste especially during the critical winter months. These "Bailers" shall be provided to the local farmers through Custom Hiring Centres (CHCs) or after consulting the Sarpanch of nearby villages in a span of three years and the progress of this component will be submitted on yearly basis along with the six-monthly progress report.

The Project proponent agreed with the same and submitted an undertaking in this regard which was also taken on record.

Environmental Consultant of the promoter company presented the salient features of the expansion project. During discussions, the representative of the promoter company agreed to fully comply with all the conditions recommended by SEAC for grant of EC.

SEIAA observed that the case stands recommended by SEAC and the Committee has awarded '**Silver Grading**' to the project proposal. SEIAA examined the details of the case and was satisfied with the same.

After detailed deliberations, SEIAA decided to accept the recommendations of SEAC and grant Environmental Clearance for the API manufacturing Industrial Unit located at Plot No's B4 & B5, Industrial Focal Point, Dera Bassi, SAS Nagar, Punjab to "M/s Essix Biosciences Limited" for increase in the production capacity from 160 Kg/day to 217.27 Kg/day as per the details mentioned in the application (Form-2) and subsequent presentation /clarifications made by the project proponent and its consultant with proposed measures and conditions as recommended by SEAC and additional conditions as under:

- i) As discussed and agreed, the project proponent shall explore the possibility of modification in the proposed/existing boilers for the utilization of crop residue as a fuel and submit its findings in this regard within 6 months' time.

- ii) As volunteered by the Project proponent, additional amount of 25 lacs will be spent under EMP activities (over and above Rs 17.75 Lakhs in the present EMP) for purchasing "Bailers" which will use the post-harvest residual paddy stalks and convert the same into compressed "Bails" for utilisation in Boilers which can use this fuel. This will reduce air pollution due to burning of agricultural waste. The Bailers shall be provided to the local farmers through Custom Hiring Centres (CHCs) in villages in proximity to the Project site. This component of the EMP will be made fully operational in the coming paddy harvesting season so as to reduce air pollution which reaches a peak at the time of burning of agricultural residue in winter months.
- iii) Project Proponent shall ensure that the natural drainage channels in the project site including streams, drains, choes, creeks, rivulets etc. are not disturbed so that the natural flow of rain water etc is not impeded or disrupted in any manner.

**Item No. 182.13 Application for issuance of ToRs for Environment Clearance for increasing the production capacity of Steel manufacturing unit located at village Wazirabad, Sirhind, District Fatehgarh Sahib, Punjab by M/s JMK Industries (Proposal No. SIA/PB/IND/62607/2021).**

SEIAA observed as under:

M/s JMK Industries is the existing steel manufacturing unit located at village Wazirabad, Sirhind Side, Distt. Fatehgarh Sahib, Punjab. The existing industrial unit deals with the manufacturing of Billets/Ingots. The existing production capacity of the industrial unit is 84 TPD with induction Furnace of capacity 7 TPH.

Now, the industry wants to increase their production capacity by installing two additional induction furnaces of capacity 20 TPH each, rolling mill & pipe plant. However, the existing induction furnace of capacity 7 TPH remains same. Thus, after expansion the production capacity of the industrial unit will become 2,40,000 TPA for manufacturing of Ingots/Billets, Patra & Pipe with 1 induction furnace of capacity 7 TPH, 2 induction furnace of capacity of 20 TPH each, rolling mill & pipe plant. Total cost of the project including the expansion will be Rs. 43.56 crores.

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. 1,13,800/- through NEFT No. IDIBH21062495615 dated 03.03.2021. The Project Proponent has deposited 25% of the total fee prescribed for the Environmental Clearance being at ToR stage and the rest 75% of the fee i.e., Rs. 3,26,700/- will be paid at the time of applying for Environmental Clearance.
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.

**1.0 Deliberations during 200<sup>th</sup> meeting of SEAC held on 07.05.2021**

The meeting was attended by the following:

1. Rakesh Kumar Bansal, Partner, authorized, signatory, on behalf of Project Proponent.
2. Sh. Sandeep Garg, EIA Coordinator, M/s Eco Laboratories Pvt Ltd., Mohali.

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

S.	Item	Details
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1.	Name and Location of the project	Steel manufacturing unit for increasing the production capacity to 2,40,000 TPA for the project namely "JMK Industries" located at Village Wazirabad, Sirhind Side, Distt. Fatehgarh Sahib
2.	Project/ activity covered under item of scheduled to the EIA	The project falls under S. No. 3(a): Metallurgical Industries (ferrous & non ferrous).
3.	Whether the project is in critical polluted area or not.	No, the project does not fall in critical polluted area.
4.	If the project involves diversion of forest land. If yes, a) Extent of the forest land. b) Status of the forest clearance.	No, project does not involve any forest land.
5.	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.	Project is not covered under PLPA 1900 as well as not located near to PLPA area.  Not applicable.



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 National Board for Wild Life (NBWL).	Not applicable, No Wildlife Sanctuary falls within 10 km of the project area.			
7.	Classification/ Land use pattern as per Master Plan	The project falls in industrial zone as per the master plan of Mandi Gobindgarh, Punjab.			
8.	Cost of the project	<b>S. No.</b>	<b>Existing cost (Rs. in lakhs)</b>	<b>Proposed cost (Rs. in lakhs)</b>	<b>Total cost after expansion (Rs. in lakhs)</b>
		1.	750.92	3,605.08	4,356.00
9.	Total Plot area, Built-up area and Green area	<b>S. No.</b>	<b>Description</b>	<b>Area (in sq.m.)</b>	
		1.	Total land area	19,429.15	
		2.	Existing covered area	2,327.88	
		3.	Proposed covered area	4,202.59	
		4.	Green Area	6,440.52	
		5.	Parking area	4,219.32	
		6.	Other areas	2,238.82	
10.	Break up of Water Requirements & source in Operation Phase (Summer, Rainy, Winter):	Total water requirement of the project will be 90 KLD meet through 2 borewells.			
11.	Treatment & Disposal arrangements of wastewater in Construction Phase	Existing Septic Tank			

The Project Proponent has submitted an undertaking that no construction activity has been done w.r.t. the proposed expansion. Further, additional machinery/ equipment will be installed after obtaining Environmental Clearance from the State Authorities.

SEAC was satisfied with the presentation and took a copy on record.

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 Committee approved the Terms of Reference for expansion of Steel manufacturing unit namely M/s JMK Industries located at village Wazirabad, Sirhind, District Fatehgarh Sahib, Punjab with increase in production capacity of the proposed unit from 84 TPD to 2,40,000 TPA for manufacturing of Ingots/Billets, Patra & Pipe with 1 induction furnace of capacity 7 TPH, 2 induction furnace of capacity of 20 TPH each, rolling mill & pipe plant for preparing Environmental Impact Assessment (EIA) report for the proposed project and recommended to SEIAA to issue the following TORs:

## **STANDARD TERMS OF REFERENCE**

### **1) Executive Summary**

Report in about 8-10 pages incorporating the following:

- (i) Project name and location (Village, Distt., State, Industrial Estate (if applicable))
- (ii) Products and capacities. If expansion proposal, then existing products with capacities and reference to earlier EC.
- (iii) Requirement of land, raw material, water, power, fuel, with source of supply (Quantitative)
- (iv) Process description in brief, specifically indicating the gaseous emission, liquid effluent and solid and hazardous wastes.
- (v) Measures for mitigating the impact on the environment and mode of discharge or disposal.
- (vi) Capital cost of the project, estimated time of completion
- (vii) Site selected for the project - Nature of land - Agricultural (single/double crop), barren, Govt./private land, status of its acquisition, nearby (in 2-3 km.) water body, population, within 10 km other industries, forest, eco-sensitive zones, accessibility, (note - in case of industrial estate this information may not be necessary)
- (viii) Baseline environmental data - air quality, surface and groundwater quality, soil characteristic, flora and fauna, socio-economic condition of the nearby population Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk.
- (ix) Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk

- (x) Likely impact of the project on air, water, land, flora-fauna and nearby population
- (xi) Emergency preparedness plan in case of natural or in plant emergencies
- (xii) Issues raised during public hearing (if applicable) and response given
- (xiii) CSR/CER plan with proposed expenditure.
- (xiv) Occupational Health Measures
- (xv) Post Project monitoring plan
- (xvi) Synopsis of the project (as available on web site i.e. [www.pbdecc.gov.in](http://www.pbdecc.gov.in))

## 2) Introduction

- (i) Details of the EIA Consultant including NABET accreditation
- (ii) Information about the project proponent
- (iii) Importance and benefits of the project

## 3) Project Description

- (i) Cost of project and time of completion.
- (ii) Products with capacities for the proposed project.
- (iii) If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
- (iv) List of raw materials required and their source along with mode of transportation.
- (v) Other chemicals and materials required with quantities and storage capacities.
- (vi) Details of Emission, effluents, hazardous waste generation and their management.
- (vii) Requirement of water (breakup for induction and rolling mill), power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract).
- (viii) Process description along with major equipment and machineries, process flow sheet (quantitative) from raw material to products to be provided
- (ix) Hazard identification and details of proposed safety systems.
- (x) In case of Expansion/modernization proposals:

- a) Status of compliance of Consent to Operate for the ongoing /existing operation of the project from SPCB shall be attached with the EIA-EMP report.
- b) In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 2006 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.

4) Site Details

- (i) Location of the project site covering village, Taluka / Tehsil, District and State, Justification for selecting the site, whether other sites were considered. Copy of Master Plan indicating a land use pattern of the site is in conformity of proposals of Master Plan shall be attached with EIA report.
- (ii) A top sheet of the study area of radius of 10 km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (Including all eco-sensitive areas and environmentally sensitive places)
- (iii) Details w.r.t. option analysis for selection of site.
- (iv) Co-ordinates (lat-long) of all four corners of the site.
- (v) Google map-Earth downloaded of the project site
- (vi) Layout maps indicating existing unit as well as proposed unit indicating storage area of raw material, finished products, greenbelt area with marking of tree, Location of STP/ETP, Solid waste storage area, Parking space, Firefighting equipment layout, First aid room, Location of Tube wells, DG Sets & Transformers and any other utilities
- (vii) If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
- (viii) Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt.
- (ix) Land use break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc. shall be included. (not required for industrial area)
- (x) A list of major industries with name and type within study area (10 km radius) shall be incorporated. Land use details of the study area.

- (xi) Geological features and Geo-hydrological status of the study area shall be included.
  - (xii) Details of Drainage of the project up to 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)
  - (xiii) Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
  - (xiv) R&R details in respect of land in line with state Government policy
- 5) Forest and wildlife related issues (if applicable):
- (i) Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable).
  - (ii) Land use map based on High resolution satellite imagery (OPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha).
  - (iii) Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
  - (iv) The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-a-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon.
  - (v) Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area.
  - (vi) Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife.
- 6) Environmental Status
- (i) Determination of atmospheric inversion level at the project site and site specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
  - (ii) AAQ data (except monsoon) at 8 locations for PM 10, PM2.5, S02, NOX, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre

dominant wind direction, population zone and sensitive receptors including reserved forests.

- (iii) Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQPM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
- (iv) Surface water quality of nearby River (100m upstream and downstream) and other surface drains at eight locations as per CPCB/MoEF& CC guidelines.
- (v) Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF& CC.
- (vi) Groundwater monitoring at minimum at 8 locations shall be included.
- (vii) Noise levels monitoring at 8 locations within the study area.
- (viii) Soil Characteristic as per CPCB guidelines.
- (ix) Traffic feasibility / serviceability study for at least 5 days based on Indian Standard Codes. Further it shall also include the details of cross section of the road on which industry is located, vehicles movement w.r.t. the industry, traffic load of other vehicles on the road incorporating the haulage time for the vehicles for loading/unloading within the premises and parking requirement to avoid the traffic congestions on the link and adjoining roads. Traffic study shall be conducted considering the traffic of the industries located in the vicinity.
- (x) Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule-I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
- (xi) Socio-economic status of the study area.

## 7) Impact Assessment and Environment Management Plan

- (i) Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modeling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be well assessed. Details of the model used and the input data used for modeling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
- (ii) Water Quality modelling.

- (iii) Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor-cum-rail transport shall be examined.
  - (iv) A note on treatment, recycling and reuse of wastewater from different plant operations, extent for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under EPA Rules.
  - (v) Details of stack emission and action plan for control of emissions to meet standards.
  - (vi) Measures for fugitive emission control
  - (vii) Details of hazardous waste generation and their storage, utilization and disposal. Copies of MOU regarding utilization of solid and hazardous waste shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
  - (viii) Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
  - (ix) Action plan for the green belt development in 33 % area with not less than 1,500 trees per hectares giving details of species, width of plantation, planting schedule, post plantation maintenance plan for 3 years shall be included. The green belt shall be around the boundary and a scheme for greening of the roads used for the project shall also be incorporated
  - (x) Action plan for rainwater harvesting measures at alternative sites shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the groundwater and also to use for the various activities to conserve freshwater and reduce the water requirement from other sources.
  - (xi) Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
  - (xii) Action plan for post-project environmental monitoring shall be submitted.
  - (xiii) Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with the District Disaster Management Plan.
- 8) Occupational health

- (i) Details of existing Occupational & Safety Hazards. What are the exposure levels of above-mentioned hazards and whether they are within the Permissible Exposure Level (PEL)? If these are not within PEL, what measures the company has adopted to keep them within PEL so that the health of the workers can be preserved,
  - (ii) Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre-designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre-placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above-mentioned parameters as per age, sex, duration of exposure and department wise.
  - (iii) Annual report of the health status of workers with special reference to Occupational Health and Safety.
  - (iv) Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers.
- 9) Corporate Environment Policy
- (i) Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
  - (ii) Does the Environment Policy prescribe for standard operating processes/procedures to bring into focus any infringement/deviation/violation of the environmental or forest norms/conditions? If so, it may be detailed in the EIA.
  - (iii) What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
  - (iv) Does the company have a system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report
- 10) Details regarding infrastructure facilities such as sanitation, fuel, restroom, etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during the operation phase.
- 11) Enterprise Social Commitment (ESC)
- (i) To address the Public Hearing issues, 2.5% of the total project cost of (Rs.\_\_\_\_crores), amounting to Rs.\_\_\_\_crores, shall be earmarked by the project proponent, towards Enterprise Social Commitment (ESC). Distinct ESC projects



shall be carved out based on the local public hearing issues. Project estimate shall be prepared based on PWD schedule of rates for each distinct Item and schedule for time-bound action plan shall be prepared. These ESC projects as indicated by the project proponent shall be implemented along with the main project. Implementation of such program shall be ensured by constituting a Committee comprising of the project proponent, representatives of village Panchayat & District Administration. Action taken report in this regard shall be submitted to the Ministry's Regional Office. No free distribution/donations and or free camps shall be included in the above ESC budget

- 12) Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. 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.
- 13) A tabular chart with index for points wise compliance of above TORs.

**B. STANDARDISED SPECIFIC TERMS OF REFERENCE FOR EIA STUDIES FOR INDUCTION/ ARC FURNACES/CUPOLA FURNACES 5TPH OR MORE**

- (i) Details of proposed layout clearly demarcating existing & proposed features of the project within the plant.
- (ii) Total no. of furnaces & details including capacity of each furnace.
- (iii) Detail of the mechanical shredder to reduce the size of the raw material.
- (iv) Complete process flow diagram describing each unit, its processes, and operations, along with material and energy inputs and outputs (material and energy balance).
- (v) Details on the design and manufacturing process for all the units.
- (vi) Details on environmentally sound technologies for recycling of hazardous materials, as per CPCB Guidelines, may be mentioned in case of handling scrap and other recycled materials.
- (vii) Details on the requirement of raw materials, its source, and storage at the plant.
- (viii) Details on the requirement of energy and water along with its source and authorization from the concerned department. Location of water intake and outfall points (with coordinates).
- (ix) Details on toxic metal content in the waste material and its composition and end-use (particularly of slag).

- (x) Details on toxic content (TCLP), composition and end-use of chrome slag. Details on the recovery of the Ferro chrome from the slag and its proper disposal.

**C. ADDITIONAL SPECIFIC TORS DECIDED DURING MEETING OF SEAC**

1. Public consultation is required for the projects as not located in notified industrial parks/estates.
2. Submit proof of ownership of land (existing owner) such as copy of latest Jamabandi (not more than one month old) and credible document showing status of land acquisition w.r.t. project site as prescribed in OM dated 07.10.2014 issued by MoEF)
3. Submit dully filled prescribed field data sheets and analysis reports along with exact location of sampling / monitoring point marked on the layout map. Also submit the status of approvals of Laboratories.
4. Submit cost of the project duly certified by Chartered Engineer/ Approved valuer / Chartered Accountant. In the absence of above, the project proponent may submit self-certified detail of cost of the project mentioning the cost of Land, building, infrastructure and plant & machinery
5. Compliance of 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.
6. Necessary permissions from the Central Groundwater Authority (CGWA)/ State Groundwater Authority (SGWA)/concerned authority for the abstraction of groundwater for the existing requirements as well as for the expanded unit. In case of not allowing such permission by the concerned authority for the abstraction of additional groundwater for the expanded project, the project proponent shall propose alternative arrangements to meet out the additional water requirements. It shall be ensured that: -
  - a) In the projects where groundwater is proposed as a water source, the project proponent shall apply to the Central Groundwater Authority (CGWA)/ State Groundwater Authority (SGWA), as the case may be, for obtaining No Objection Certificate (NOC) if applicable.
  - b) Approval /permission of the CGWA/SGWA shall be obtained before drawing groundwater for the project activities.
  - c) In the absence of approval, submit a copy of acknowledgment along with a set of application filed to CGWA /Competent Authority for obtaining permission for the abstraction of groundwater

7. Minimize the water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
8. STP for treatment of wastewater & re-utilization of the treated water for core/non-core activities so as to achieve the Zero Liquid Discharge Condition as per the III (iv) of OM dated 09/08/2018 issued by the MoEF&CC for such units.
9. Reuse of cooling tower blow down, simultaneously ensuring the standards prescribed for such purge waters. If required, necessary arrangements shall be made to keep this waste stream within the parameters required for reuse.
10. In case of any acid pickling activity, the spent acid/effluents generated from such activities shall be utilized through authorized re-processors for converting the same into useful by-products like FeSO<sub>4</sub> etc. An agreement to this effect shall be made with the authorized agencies.
11. Adequate area to be reserved and marked on the layout plan for the green belt as per the conditions laid down by the MoEF&CC as per the Standard EC Conditions prescribed for Induction/ Electric Arc Furnace & Rolling Mills circulated vide OM dated 09/08/2018.
12. Detailed study report along with calculation for reserving land for loading or unloading of raw material, products, slag, hazardous waste as well as for storage of these materials and the area to be reserved for parking incorporating the time required for loading and unloading of vehicles for respective activities and minimum/maximum period for which storage of the above material is required in the premises. The areas for the respective activities to be marked on the layout plan.
13. Action plan for the compliance of standard operating procedures and up-gradation of suction and treatment arrangement for the secondary emissions as prescribed by the State Pollution Control Board or by CPCB/MoEF&CC.
14. Compliance of standard operating procedures and up-gradation of suction/treatment systems for the control of secondary emissions within the time frame prescribed by the State Pollution Control Board. Similar action is to be implemented in the proposed expansion project.
15. Whole of the vehicle movement area as well as the approach road to the gate /weighing bridge shall be paved with pucca/metalled / cement concrete road to control the dust emissions expected from the vehicle movement.
16. The vehicles to be used for loading/unloading purposes shall not be parked along the roadside so as to avoid the traffic congestion and dedicated parking place to be provided for the same.

17. Adopt green technologies to conserve the water and energy including shearing/cutting / bundling machines. Also, to provide abrasive resistant fire bricks in the crucibles to reduce the periodic maintenance & disposal of discarded fire bricks.
18. Use of natural gas (if available) as substitute fuel wherever possible in the existing industry/ for the expansion project.
19. Submit compliance w.r.t. condition no.II [(i) & (iii)] subtitled as "Air Quality Monitoring & Preservation" regarding continuous emission monitoring system and continuous ambient air quality monitoring as prescribed in the Standard EC Conditions for Induction/ Electric Arc Furnace & Rolling Mills issued by the MoEF&CC, New Delhi vide OM dated 09/08/2018.
20. Examine and submit the proposal for: -
  - a) Recovery of iron from slag before disposing of it.
  - b) Identify the areas for utilization of slag in a scientific manner and explore its usage in cement/construction industry/manufacturing of pavers & tiles/road laying etc.
  - c) Recovery of precious metals like Zinc, lead and iron etc. from the APCD dust (Hazardous waste) through authorized re-processor.
21. Air Pollution Control Arrangement details shall be provided as below:

Plant /Unit	Pollutants	Qty generated	Method used to Control /specifications (attach Separate Sheet to furnish Details)	Number of units planned & Capacity	Budget	Estimated Post Control Qty Pollutant	
						Per Unit	Per day

22. Submit compliance regarding the installation of Pulse jet bag filter with offline cleaning technology as APCD with the proposed induction furnace.
23. List the species with heavy foliage, broad leaves and wide canopy cover. The landscape planning should include plantation of native species. Water intensive and/or invasive species should not be used for landscaping

The following general points shall be noted:

- (i) The EIA document shall be printed on both sides, as for as possible.
- (ii) All documents shall be properly indexed, page numbered.

- (iii) Period/date of data collection shall be clearly indicated.
- (iv) The letter/application for environmental clearance shall quote the MOEF / SEIAA file No. and also attach a copy of the letter.
- (v) The copy of the letter received from the Ministry / SEIAA shall be also attached as an annexure to the final EIA-EMP Report.
- (vi) The index of the final EIA-EMP report must indicate the specific chapter and page no. of the EIA-EMP Report.
- (vii) While preparing the EIA report, the instructions for the proponents and instructions for the consultants issued by MOEF vide notification dated 03.03.2016 which is available on the website of this Ministry shall also be followed.
- (viii) The consultants involved in the preparation of EIA-EMP report after accreditation with Quality Council of India (QCI) /National Accreditation Board of Education and Training (NABET) would need to include a certificate in this regard in the EIA-EMP reports prepared by them and data provided by other organization/Laboratories including their status of approvals etc. Name of the Consultant and the Accreditation details shall be posted on the EIA-EMP Report as well as on the cover of the Hard Copy of the Presentation material for EC presentation.

The Terms of Reference (ToR) prescribed by the State Expert Appraisal Committee (SEAC), Punjab should be considered for the preparation of EIA / EMP report for the project in addition to all the relevant information as per the Generic Structure of EIA given in Appendix III and IIIA in the EIA Notification, 2006.

Where the documents provided are in a language other than English, an English translation shall be provided. The draft EIA-EMP report shall be submitted to the State Pollution Control Board of the concerned State for the conduct of Public Hearing. The SPCB shall conduct the Public Hearing/public consultation, district-wise, as per the provisions of EIA notification,2006. The Public Hearing shall be chaired by an Officer, not below the rank of Additional District Magistrate. The issues raised in the Public Hearing and during the consultation process and the commitments made by the project proponent on the same shall be included separately in EIA-EMP Report in a separate chapter and summarized in a tabular chart with financial budget (capital and revenue) along with time-schedule of implementation for complying with the commitments made.

If any part of the data/information submitted by the project proponent is found to be false or misleading at any stage, then SEIAA & SEAC will not be responsible for the expenditure incurred on the project due to the issuance of this ToR or subsequent work

carried out by the project proponent for conducting EIA study or for any other activity related to the project.

The 'Terms of Reference' (TORs) prescribed will be valid for a period of three years from its issuance. The final EIA report shall be submitted to the SEIAA, Punjab for obtaining environmental clearance.

## **2.0 Deliberations during 182<sup>nd</sup> meeting of SEIAA held on 24.05.2021**

The case was considered by SEIAA in its 182<sup>nd</sup> meeting held on 24.05.2021 through Video Conference which was attended by the following:

- (i) Sh. Gagan Bansal, Partner, authorized, signatory, on behalf of Project Proponent.
- (ii) Dr. Sandeep Garg, EIA Coordinator, M/s Eco Laboratories Pvt Ltd., Mohali.

SEIAA was apprised that the proposal of the project proponent was considered by SEAC in its 200<sup>th</sup> meeting held on 07.05.2021 without obtaining the construction status report from the Punjab Pollution Control Board. In the past, as a policy, construction status report was being sought from the PPCB at the time of issuance of Terms of Reference. However, in the present case, SEAC has recommended the case for issuance of Terms of Reference on the basis of an undertaking submitted by the project proponent that no construction has been done w.r.t the proposed expansion and additional machinery/equipment will be installed after obtaining Environmental Clearance from the State Authorities.

SEIAA was also apprised that as per the decision taken by SEIAA in similar cases ( item No's 181.11 and 181.12 of 181<sup>st</sup> meeting of SEIAA held on 10.05.2021), Construction status report has been sought from the Member Secretary, PPCB vide email dated 18.05.2021 before taking further necessary action in the matter. However, the required Construction Status report has not been received from the PPCB so far.

After detailed deliberations, SEIAA decided to defer the case and issue a reminder to Member Secretary, PPCB for sending the construction status report. The case be placed in the meeting of SEIAA after getting the construction status report from the PPCB.

**Item no.182.14: Application for issuance of ToR for manufacturing of 1,31,250 TPA of steel ingots/Billets, Angles, Channels, Rounds, Square, TMT Bars, Flats, Patra by upgrading existing induction furnace of 7TPH capacity with new induction furnace having capacity 10 TPH and addition of one induction furnace of 15 TPH concast, Laddle Refining furnace (LRF) of 20 TPH, AOD, VD and rolling mill at village Mullanpur Kalan, Mandigobindgarh, District Fatehgarh Sahib, Punjab by M/s Natural Casting. (SIA/PB/IND/63023/2021).**

SEIAA observed as under:

The proposed project of Natural Castings is located at Village-Mullanpur Kalan, Mandigobindgarh, District Fatehgarh Sahib, Punjab. The Industry has already got CTO for manufacturing of Steel Ingots @ 82TPD through Induction Furnace. The existing capacity of Induction Furnace is 7TPH. The project proponent proposes to increase the capacity of unit by upgrading existing Induction Furnace 7TPH to 10 TPH and addition of one Induction Furnace of capacity 15TPH, Concast, Laddle Refining Furnace (LRF) of 20TPH, AOD, VD and rolling mill. Total capacity of the project after expansion will be 1, 31,250 TPA of Steel Ingots/billets, Angles, Channels, Rounds, Square, TMT Bars, Flats, Patra.

The existing land area of the project is 1.25 Acre. About 2 Acre additional land will be required for expansion. The total land area after expansion will be 3.25 acres. The project cost after expansion including existing cost will be Rs 15.79 Crores

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. 39,475/- through NEFT No. 000340638355 dated 01.05.2021. The Project Proponent has deposited 25% of the total fee prescribed for the Environmental Clearance being at ToR stage and the remaining 75% of the fee i.e., Rs. 1,18,425/- will be paid at the time of applying for Environmental Clearance.
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.

### **1.0 Deliberations during 200<sup>th</sup> meeting of SEAC held on 07.05.2021**

The meeting was attended by the following:

1. Sumit Chahal, Partner.
2. Sh. Sital Singh, EIA Coordinator, M/s CPTL, Mohali.

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

Sr. No.	Description	Details			
1.	Name and Location of the project	M/s Natural Castings located at Village- Mullanpur Kalan, Mandi Gobindgarh District Fatehgarh Sahib, Punjab.			
2.	In case of expansion projects, whether granted EC earlier, if Yes, then provide its details	It is an expansion project. But the existing capacity is less than 30,000 TPA, earlier EC was not required.			
3.	Nature of project (Fresh EC/EC for Expansion/New)	Expansion			
4.	Whether project falls within 5km from the boundary of critically polluted area (Yes/No)	No			
5.	Existing production Capacity (TPA)	Steel Ingots/billets- 28,700 TPA			
6.	Details TOR processing fee submitted (25% of the total project cost)	An amount of Rs. 39,475/- submitted through NEFT no.- 000340638355 on dated 01.05.2021.			
7.	Undertaking to reflect that project is neither located near to PLPA area nor fall in the PLPA area	The project site is neither located near to PLPA area nor fall in PLPA area.			
8.	Classification/Land use pattern as per Master Plan	The site falls in Medium & heavy Industry zone as per master plan of Mandi Gobindgarh (2010-2031)			
9.	Details proof of land including Khasra no.	<b>Total Land</b> – (3.25 acres) Kharsa no.- 346/322/6/4, 346/322/6/3, 346/322/6/4, 346/322/6/3Min, 323 Min (14-14)			
10	Details of CLU certificate	The industry is operating before 2005. Thus, CLU is not obtained. However, Industry falls under the industrial zone as per master plan of Mandi Gobindgarh (2010-2031)			
11	Details of block as per CGWA guideline (Notified/ Non-Notified area) in which project site is located	The project site falls in Sirhind Block which is non-notified area as per CGWA guidelines.			
12	Project Area Details:				
	S. No.	Details	Existing Land	Proposed Additional Land	Total land after Expansion
	1.	Plot Area (in sqm)	5058.57	8093.71	13,152.28



13	Raw Material requirement as per following format:				
	<b>S. No.</b>	<b>Raw Material name</b>	<b>Existing (TPA)</b>	<b>Proposed (TPA)</b>	<b>After Expansion (TPA)</b>
	1.	MS Scrap, CI, Sponge Iron, Ferro Alloys	31,150	1,11,300	1,42,450
14	Production Capacity as per following format:				
	<b>S. No.</b>	<b>Product name</b>	<b>Existing (TPA)</b>	<b>Proposed (TPA)</b>	<b>After Expansion (TPA)</b>
	1.	Steel Ingots/billets, Angles, Channels, Rounds, Square, TMT Bars, Flats, Patra	28,700 (Steel ingots)	1,02,550	1,31,250
15	Details of major productive machinery/plant				
	<b>S. No.</b>	<b>Particulars</b>	<b>Existing</b>	<b>Proposed</b>	<b>After Expansion</b>
	1.	Induction Furnace, rolling mill	1X7TPH (Upgraded),	1X10 TPH, 1X15 TPH	1X10 TPH, 1X15 TPH
	2.	Rolling mill	Nil	20 Ton/hr	20Ton/hr
	3.	Ladle Refining Furnace (LRF)	Nil	20TPH	20TPH
	4.	Concast	Nil	01 No.	01 No.
	5.	AOD	Nil	01 No.	01 No.
	6.	VD	Nil	01 No.	01 No.
16	Status of Proposed ToRs		Standard TORs submitted.		

The Project Proponent has submitted an undertaking that no construction activity has been done w.r.t. the proposed expansion.

SEAC was satisfied with the presentation and took a copy of same on record.

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 Committee approved the Terms of Reference to M/s Natural Castings for manufacturing of 1,31,250 TPA of steel

ingots/Billets, Angles, Channels, Rounds, Square, TMT Bars, Flats, Patra by upgrading existing induction furnace of 7TPH capacity with new induction furnace having capacity 10 TPH and addition of one induction furnace of 15 TPH concast, Laddle Refining furnace (LRF) of 20 TPH, AOD, VD and rolling mill located at village Mullanpur Kalan, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab for preparing Environmental Impact Assessment (EIA) report for the proposed project and recommended to SEIAA to issue the following TORs:

## **STANDARD TERMS OF REFERENCE**

### 1) Executive Summary

Report in about 8-10 pages incorporating the following:

- (i) Project name and location (Village, Distt., State, Industrial Estate (if applicable))
- (ii) Products and capacities. If expansion proposal, then existing products with capacities and reference to earlier EC.
- (iii) Requirement of land, raw material, water, power, fuel, with source of supply (Quantitative)
- (iv) Process description in brief, specifically indicating the gaseous emission, liquid effluent, and solid and hazardous wastes.
- (v) Measures for mitigating the impact on the environment and mode of discharge or disposal.
- (vi) Capital cost of the project, estimated time of completion
- (vii) Site selected for the project - Nature of land - Agricultural (single/double crop), barren, Govt./private land, status of its acquisition, nearby (in 2-3 km.) water body, population, within 10 km other industries, forest, eco-sensitive zones, accessibility, (note - in case of industrial estate this information may not be necessary)
- (viii) Baseline environmental data - air quality, surface and groundwater quality, soil characteristic, flora and fauna, socio-economic condition of the nearby population Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk.
- (ix) Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk
- (x) Likely impact of the project on air, water, land, flora-fauna and nearby population
- (xi) Emergency preparedness plan in case of natural or in plant emergencies
- (xii) Issues raised during public hearing (if applicable) and response given

- (xiii) CSR/CER plan with proposed expenditure.
- (xiv) Occupational Health Measures
- (xv) Post Project monitoring plan
- (xvi) Synopsis of the project (as available on web site i.e. [www.pbdecc.gov.in](http://www.pbdecc.gov.in))

2) Introduction

- (i) Details of the EIA Consultant including NABET accreditation
- (ii) Information about the project proponent
- (iii) Importance and benefits of the project

3) Project Description

- (i) Cost of project and time of completion.
- (ii) Products with capacities for the proposed project.
- (iii) If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
- (iv) List of raw materials required and their source along with mode of transportation.
- (v) Other chemicals and materials required with quantities and storage capacities.
- (vi) Details of Emission, effluents, hazardous waste generation and their management.
- (vii) Requirement of water (breakup for induction and rolling mill), power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract).
- (viii) Process description along with major equipment and machineries, process flow sheet (quantitative) from raw material to products to be provided
- (ix) Hazard identification and details of proposed safety systems.
- (x) In case of Expansion/modernization proposals:
  - c) Status of compliance of Consent to Operate for the ongoing /existing operation of the project from SPCB shall be attached with the EIA-EMP report.
  - d) In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 2006 shall be provided. Copies of Consent to

Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.

4) Site Details

- (i) Location of the project site covering village, Taluka / Tehsil, District and State, Justification for selecting the site, whether other sites were considered. Copy of Master Plan indicating a land use pattern of the site is in conformity of proposals of Master Plan shall be attached with EIA report.
- (ii) A top sheet of the study area of radius of 10 km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (Including all eco-sensitive areas and environmentally sensitive places)
- (iii) Details w.r.t. option analysis for selection of site.
- (iv) Co-ordinates (lat-long) of all four corners of the site.
- (v) Google map-Earth downloaded of the project site
- (vi) Layout maps indicating existing unit as well as proposed unit indicating storage area of raw material, finished products, greenbelt area with marking of tree, Location of STP/ETP, Solid waste storage area, Parking space, Firefighting equipment layout, First aid room, Location of Tube wells, DG Sets & Transformers and any other utilities
- (vii) If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
- (viii) Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.
- (ix) Land use break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc. shall be included. (not required for industrial area)
- (x) A list of major industries with name and type within study area (10 km radius) shall be incorporated. Land use details of the study area.
- (xi) Geological features and Geo-hydrological status of the study area shall be included.
- (xii) Details of Drainage of the project up to 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)

- (xiii) Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
  - (xiv) R&R details in respect of land in line with state Government policy
- 5) Forest and wildlife related issues (if applicable):
- (i) Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable).
  - (ii) Land use map based on High resolution satellite imagery (OPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha).
  - (iii) Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
  - (iv) The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-a-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon.
  - (v) Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area.
  - (vi) Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife.
- 6) Environmental Status
- (i) Determination of atmospheric inversion level at the project site and site specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
  - (ii) AAQ data (except monsoon) at 8 locations for PM 10, PM2.5, SO<sub>2</sub>, NO<sub>x</sub>, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre dominant wind direction, population zone and sensitive receptors including reserved forests.
  - (iii) Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQPM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
  - (iv) Surface water quality of nearby River (100m upstream and downstream) and other surface drains at eight locations as per CPCB/MoEF& CC guidelines.

- (v) Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF& CC.
- (vi) Groundwater monitoring at minimum at 8 locations shall be included.
- (vii) Noise levels monitoring at 8 locations within the study area.
- (viii) Soil Characteristic as per CPCB guidelines.
- (ix) Traffic feasibility / serviceability study for at least 5 days based on Indian Standard Codes. Further it shall also include the details of cross section of the road on which industry is located, vehicles movement w.r.t. the industry, traffic load of other vehicles on the road incorporating the haulage time for the vehicles for loading/unloading within the premises and parking requirement to avoid the traffic congestions on the link and adjoining roads. Traffic study shall be conducted considering the traffic of the industries located in the vicinity.
- (x) Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule-I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
- (xi) Socio-economic status of the study area.

7) Impact Assessment and Environment Management Plan

- (i) Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modeling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be well assessed. Details of the model used and the input data used for modeling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
- (ii) Water Quality modelling.
- (iii) Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor-cum-rail transport shall be examined.
- (iv) A note on treatment, recycling and reuse of wastewater from different plant operations, extent for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under EPA Rules.

- (v) Details of stack emission and action plan for control of emissions to meet standards.
  - (vi) Measures for fugitive emission control
  - (vii) Details of hazardous waste generation and their storage, utilization and disposal. Copies of MOU regarding utilization of solid and hazardous waste shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
  - (viii) Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
  - (ix) Action plan for the green belt development in 33 % area with not less than 1,500 trees per hectares giving details of species, width of plantation, planting schedule, post plantation maintenance plan for 3 years shall be included. The green belt shall be around the boundary and a scheme for greening of the roads used for the project shall also be incorporated
  - (x) Action plan for rainwater harvesting measures at alternative sites shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the groundwater and also to use for the various activities to conserve freshwater and reduce the water requirement from other sources.
  - (xi) Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
  - (xii) Action plan for post-project environmental monitoring shall be submitted.
  - (xiii) Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with the District Disaster Management Plan.
- 8) Occupational health
- (i) Details of existing Occupational & Safety Hazards. What are the exposure levels of above-mentioned hazards and whether they are within the Permissible Exposure Level (PEL)? If these are not within PEL, what measures the company has adopted to keep them within PEL so that the health of the workers can be preserved,
  - (ii) Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre-designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre-placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above-

mentioned parameters as per age, sex, duration of exposure and department wise.

- (iii) Annual report of the health status of workers with special reference to Occupational Health and Safety.
  - (iv) Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers.
- 9) Corporate Environment Policy
- (i) Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
  - (ii) Does the Environment Policy prescribe for standard operating processes/procedures to bring into focus any infringement/deviation/violation of the environmental or forest norms/conditions? If so, it may be detailed in the EIA.
  - (iii) What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
  - (iv) Does the company have a system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report
- 10) Details regarding infrastructure facilities such as sanitation, fuel, restroom, etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during the operation phase.
- 11) Enterprise Social Commitment (ESC)
- (i) To address the Public Hearing issues, 2.5% of the total project cost of (Rs.\_\_\_\_crores), amounting to Rs.\_\_\_\_crores, shall be earmarked by the project proponent, towards Enterprise Social Commitment (ESC). Distinct ESC projects shall be carved out based on the local public hearing issues. Project estimate shall be prepared based on PWD schedule of rates for each distinct Item and schedule for time-bound action plan shall be prepared. These ESC projects as indicated by the project proponent shall be implemented along with the main project. Implementation of such program shall be ensured by constituting a Committee comprising of the project proponent, representatives of village Panchayat & District Administration. Action taken report in this regard shall be submitted to the Ministry's Regional Office. No free distribution/donations and or free camps shall be included in the above ESC budget



- 12) Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. 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.
- 13) A tabular chart with index for points wise compliance of above TORs.

**B. STANDARDISED SPECIFIC TERMS OF REFERENCE FOR EIA STUDIES FOR INDUCTION/ ARC FURNACES/CUPOLA FURNACES 5TPH OR MORE**

- (i) Details of proposed layout clearly demarcating existing & proposed features of the project within the plant.
- (ii) Total no. of furnaces & details including capacity of each furnace.
- (iii) Detail of the mechanical shredder to reduce the size of the raw material.
- (iv) Complete process flow diagram describing each unit, its processes, and operations, along with material and energy inputs and outputs (material and energy balance).
- (v) Details on the design and manufacturing process for all the units.
- (vi) Details on environmentally sound technologies for recycling of hazardous materials, as per CPCB Guidelines, may be mentioned in case of handling scrap and other recycled materials.
- (vii) Details on the requirement of raw materials, its source, and storage at the plant.
- (viii) Details on the requirement of energy and water along with its source and authorization from the concerned department. Location of water intake and outfall points (with coordinates).
- (ix) Details on toxic metal content in the waste material and its composition and end-use (particularly of slag).
- (x) Details on toxic content (TCLP), composition and end-use of chrome slag. Details on the recovery of the Ferro chrome from the slag and its proper disposal.

**C. ADDITIONAL SPECIFIC TORS DECIDED DURING MEETING OF SEAC**

1. Public consultation is required for the projects as not located in notified industrial parks/estates.
2. Submit proof of ownership of land (existing owner) such as copy of latest Jamabandi (not more than one month old) and credible document showing

status of land acquisition w.r.t. project site as prescribed in OM dated 07.10.2014 issued by MoEF)

3. Submit dully filled prescribed field data sheets and analysis reports along with exact location of sampling / monitoring point marked on the layout map. Also submit the status of approvals of Laboratories.
4. Submit cost of the project duly certified by Chartered Engineer/ Approved valuer / Chartered Accountant. In the absence of above, the project proponent may submit self-certified detail of cost of the project mentioning the cost of Land, building, infrastructure and plant & machinery
5. Certificate from the concerned authority w.r.t the location of protected areas as notified under the Wildlife Protection Act, 1972 within 5 km radius from the boundary of the project site.
- (i) Certificate from the Department of Town & Country Planning or concerned authorities to support the claim made by project proponent that the project site is located in the industrial zone as per the provisions of Master Plan of Town/City in the jurisdiction of which the project site is located or the project proponent shall submit the Change of land use of the project site for total land area.
6. Compliance of 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.
7. Necessary permissions from the Central Groundwater Authority (CGWA)/ State Groundwater Authority (SGWA)/concerned authority for the abstraction of groundwater for the existing requirements as well as for the expanded unit. In case of not allowing such permission by the concerned authority for the abstraction of additional groundwater for the expanded project, the project proponent shall propose alternative arrangements to meet out the additional water requirements. It shall be ensured that: -
  - a) In the projects where groundwater is proposed as a water source, the project proponent shall apply to the Central Groundwater Authority (CGWA)/ State Groundwater Authority (SGWA), as the case may be, for obtaining No Objection Certificate (NOC) if applicable.
  - b) Approval /permission of the CGWA/SGWA shall be obtained before drawing groundwater for the project activities.
  - c) In the absence of approval, submit a copy of acknowledgment along with a set of application filed to CGWA /Competent Authority for obtaining permission for the abstraction of groundwater

8. Minimize the water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
9. STP for treatment of wastewater & re-utilization of the treated water for core/non-core activities so as to achieve the Zero Liquid Discharge Condition as per the III (iv) of OM dated 09/08/2018 issued by the MoEF&CC for such units.
10. Reuse of cooling tower blow down, simultaneously ensuring the standards prescribed for such purge waters. If required, necessary arrangements shall be made to keep this waste stream within the parameters required for reuse.
11. In case of any acid pickling activity, the spent acid/effluents generated from such activities shall be utilized through authorized re-processors for converting the same into useful by-products like FeSO<sub>4</sub> etc. An agreement to this effect shall be made with the authorized agencies.
12. Adequate area to be reserved and marked on the layout plan for the green belt as per the conditions laid down by the MoEF&CC as per the Standard EC Conditions prescribed for Induction/ Electric Arc Furnace & Rolling Mills circulated vide OM dated 09/08/2018.
13. Detailed study report along with calculation for reserving land for loading or unloading of raw material, products, slag, hazardous waste as well as for storage of these materials and the area to be reserved for parking incorporating the time required for loading and unloading of vehicles for respective activities and minimum/maximum period for which storage of the above material is required in the premises. The areas for the respective activities to be marked on the layout plan.
14. Action plan for the compliance of standard operating procedures and up-gradation of suction and treatment arrangement for the secondary emissions as prescribed by the State Pollution Control Board or by CPCB/MoEF&CC.
15. Compliance of standard operating procedures and up-gradation of suction/treatment systems for the control of secondary emissions within the time frame prescribed by the State Pollution Control Board. Similar action is to be implemented in the proposed expansion project.
16. Whole of the vehicle movement area as well as the approach road to the gate /weighing bridge shall be paved with pucca/metalled / cement concrete road to control the dust emissions expected from the vehicle movement.
17. The vehicles to be used for loading/unloading purposes shall not be parked along the roadside so as to avoid the traffic congestion and dedicated parking place to be provided for the same.

18. Adopt green technologies to conserve the water and energy including shearing/cutting / bundling machines. Also, to provide abrasive resistant fire bricks in the crucibles to reduce the periodic maintenance & disposal of discarded fire bricks.
19. Use of natural gas (if available) as substitute fuel wherever possible in the existing industry/ for the expansion project.
20. Submit compliance w.r.t. condition no.II [(i) & (iii)] subtitled as "Air Quality Monitoring & Preservation" regarding continuous emission monitoring system and continuous ambient air quality monitoring as prescribed in the Standard EC Conditions for Induction/ Electric Arc Furnace & Rolling Mills issued by the MoEF&CC, New Delhi vide OM dated 09/08/2018.
21. Examine and submit the proposal for: -
  - a) Recovery of iron from slag before disposing of it.
  - b) Identify the areas for utilization of slag in a scientific manner and explore its usage in cement/construction industry/manufacturing of pavers & tiles/road laying etc.
  - c) Recovery of precious metals like Zinc, lead and iron etc. from the APCD dust (Hazardous waste) through authorized re-processor.
22. Air Pollution Control Arrangement details shall be provided as below:

Plant /Unit	Pollutants	Qty generated	Method used to Control /specifications (attach Separate Sheet to furnish Details)	Number of units planned & Capacity	Budget	Estimated Post Control Qty Pollutant	
						Per Unit	Per day

23. Submit compliance regarding the installation of Pulse jet bag filter with offline cleaning technology as APCD with the proposed induction furnace.
24. List the species with heavy foliage, broad leaves and wide canopy cover. The landscape planning should include plantation of native species. Water intensive and/or invasive species should not be used for landscaping

The following general points shall be noted:

- (i) The EIA document shall be printed on both sides, as for as possible.
- (ii) All documents shall be properly indexed, page numbered.

- (iii) Period/date of data collection shall be clearly indicated.
- (iv) The letter/application for environmental clearance shall quote the MOEF / SEIAA file No. and also attach a copy of the letter.
- (v) The copy of the letter received from the Ministry / SEIAA shall be also attached as an annexure to the final EIA-EMP Report.
- (vi) The index of the final EIA-EMP report must indicate the specific chapter and page no. of the EIA-EMP Report.
- (vii) While preparing the EIA report, the instructions for the proponents and instructions for the consultants issued by MOEF vide notification dated 03.03.2016 which is available on the website of this Ministry shall also be followed.
- (viii) The consultants involved in the preparation of EIA-EMP report after accreditation with Quality Council of India (QCI) /National Accreditation Board of Education and Training (NABET) would need to include a certificate in this regard in the EIA-EMP reports prepared by them and data provided by other organization/Laboratories including their status of approvals etc. Name of the Consultant and the Accreditation details shall be posted on the EIA-EMP Report as well as on the cover of the Hard Copy of the Presentation material for EC presentation.

The Terms of Reference (ToR) prescribed by the State Expert Appraisal Committee (SEAC), Punjab should be considered for the preparation of EIA / EMP report for the project in addition to all the relevant information as per the Generic Structure of EIA given in Appendix III and IIIA in the EIA Notification, 2006.

Where the documents provided are in a language other than English, an English translation shall be provided. The draft EIA-EMP report shall be submitted to the State Pollution Control Board of the concerned State for the conduct of Public Hearing. The SPCB shall conduct the Public Hearing/public consultation, district-wise, as per the provisions of EIA notification,2006. The Public Hearing shall be chaired by an Officer, not below the rank of Additional District Magistrate. The issues raised in the Public Hearing and during the consultation process and the commitments made by the project proponent on the same shall be included separately in EIA-EMP Report in a separate chapter and summarized in a tabular chart with financial budget (capital and revenue) along with time-schedule of implementation for complying with the commitments made.

If any part of the data/information submitted by the project proponent is found to be false or misleading at any stage, then SEIAA & SEAC will not be responsible for the expenditure incurred on the project due to the issuance of this ToR or subsequent work

carried out by the project proponent for conducting EIA study or for any other activity related to the project.

The 'Terms of Reference' (TORs) prescribed will be valid for a period of three years from its issuance. The final EIA report shall be submitted to the SEIAA, Punjab for obtaining environmental clearance.

## **2.0 Deliberations during 182<sup>nd</sup> meeting of SEIAA held on 24.05.2021**

The case was considered by SEIAA in its 182<sup>nd</sup> meeting held on 24.05.2021 through Video Conference which was attended by the following:

- (i) Sh. Sumit Chahal, Partner.
- (ii) Sh. Sital Singh, EIA Coordinator, M/s CPTL, Mohali.

SEIAA was apprised that the proposal of the project proponent was considered by SEAC in its 200<sup>th</sup> meeting held on 07.05.2021 without obtaining the construction status report from the Punjab Pollution Control Board. In the past, as a policy, construction status report was being sought from the PPCB at the time of issuance of Terms of Reference. However, in the present case, SEAC has recommended the case for issuance of Terms of Reference on the basis of an undertaking submitted by the project proponent that no construction has been done w.r.t the proposed expansion and additional machinery/equipment will be installed after obtaining Environmental Clearance from the State Authorities.

SEIAA was also apprised that as per the decision taken by SEIAA in similar cases ( item No's 181.11 and 181.12 of 181<sup>st</sup> meeting of SEIAA held on 10.05.2021), Construction status report has been sought from the Member Secretary, PPCB vide email dated 18.05.2021 before taking further necessary action in the matter. However, the required Construction Status report has not been received from the PPCB so far.

After detailed deliberations, SEIAA decided to defer the case and issue a reminder to Member Secretary, PPCB for sending the construction status report. The case be placed in the meeting of SEIAA after getting the construction status report from the PPCB.

**Item no.182.15: Application for issuance of ToR for manufacturing of 1,00,100 TPA of steel casting, forging & Rolled product by upgrading existing induction furnace of 6.5 TPH capacity with new induction furnace having capacity 10 TPH and addition of one induction furnace of capacity 12 TPH, concast, Laddle refining furnace (LRF) and rolling mill at Village Nasrali, Guru Ki Nagri, Anaj Mandi-Bhadla Road, Nasrali, Near Power Grid, Mandigobindgarh, District Fatehgarh Sahib, Punjab by M/s Kisco Casting Ltd. (SIA/PB/IND/63077/2021).**

SEIAA observed as under:

The proposed project of KISCO CASTINGS (INDIA) LTD. is located at Village-Nasrali, Guru ki Nagri, Anaj- Mandi- Bhadla road, Village – Nasrali, near power grid, Tehsil Mandi gobindgarh, District Fatehgarh Sahib, Punjab. The Industry has already got CTO for manufacturing of Steel Ingots @ 78TPD through Induction Furnace and their casting through annealing furnaces. The existing capacity of Induction Furnace is 6.5 TPH with 3 annealing furnaces of capacities 9TPD, 8PD, 10TPD for casting. They have valid consent to operate for manufacturing of steel Ingot/casting. The project proponent has already got consent to establishment for installation of LRF pot to hold liquid metal vide NOC no. CTE/Mod/FGS/2020/13404347 dated 18.11.2020 and same is valid up-to 16.11.2021. Now project proponent proposes to increase the capacity of unit by upgrading existing Induction Furnace 6TPH to 10TPH and addition of one new Induction Furnace of capacity 12TPH, concast and rolling mill. Total capacity of the project after expansion will be 100,100TPA of Steel Ingots/billets, Steel Casting, Forging& rolled material. The total land area is 12421Sq.m. No additional land is required for expansion. The project cost after expansion including existing cost will be Rs. 20.79 Crores.

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. 51,975/- through NEFT no. 105074446093 dated 07.05.2021. The Project Proponent has deposited 25% of the total fee prescribed for the Environmental Clearance being at ToR stage and the rest 75% of the fee i.e., Rs. 1,55,925 /- will be paid at the time of applying for Environmental Clearance.

1. The project proponent during the presentation to the committee be ask to present the applicability of General Condition, suitability of site, land details etc.

### **1.0 Deliberations during 200<sup>th</sup> meeting of SEAC held on 07.05.2021**

The meeting was attended by the following:

1. Raghav Goel, Director, on behalf project proponent.

2. Sh. Sital Singh, EIA Coordinator, M/s CPTL.

Sr. No.	Description	Details			
1.	Name and Location of the project	M/s Kisco Castings (India) Ltd. located at Village- Nasrali, Guru Ki Nagri, Anaj Mandi-Bhadla road, Near power grid, Mandi Gobindgarh District Fatehgarh Sahib Punjab			
2.	In case of expansion projects, whether granted EC earlier, if Yes, then provide its details	It is an expansion project. But the existing capacity is less than 30,000 TPA, earlier EC was not required.			
3.	Nature of project (Fresh EC/EC for Expansion/New)	Expansion			
4.	a) Category b) Activity (As per schedule appended to EIA Notification, 2006 as amended time to time.)	(a) B (b) Metallurgical Industries (ferrous & non-ferrous) (8), Schedule 3(a) as per EIA notification-2006.			
5.	Whether project falls within 5km from the boundary of critically polluted area (Yes/No)	No			
6.	Existing production Capacity (TPA)	Steel Ingots/billets, Steel castings, Forging & rolled material- 27,300TPA			
7.	Details TOR processing fee submitted (25% of the total project cost)	An amount of Rs. 51,975/- submitted through NEFT no. 105074446093 dated 07.05.2021			
8.	Undertaking to reflect that project is neither located near to PLPA area nor fall in the PLPA area	The project site is neither located near to PLPA area nor fall in PLPA area.			
9.	Classification/Land use pattern as per Master Plan	The site falls in Medium & heavy Industry zone as per master plan of Mandi Gobindgarh (2010-2031)			
10	Details of CLU certificate	Classification of Land Use has been obtained vide letter no.- 1153 dated 10.12.2020. The site conforms Industrial Zone. However, Industry falls under the industrial zone as per master plan of Mandi Gobindgarh (2010-2031)			
11	Details of block as per CGWA guideline (Notified/ Non-Notified area) in which project site is located	The project site falls in Sirhind Block which is non-notified area as per CGWA guidelines.			
12	Project Area Details:				
	S. No.	Details	Existing Land	Proposed Additional Land	Total land after Expansion
	1.	Plot Area (in sqm)	12,421	Nil	12,421



13	Raw Material requirement as per following format:				
	<b>S. No.</b>	<b>Raw Material name</b>	<b>Existing (TPA)</b>	<b>Proposed (TPA)</b>	<b>After Expansion (TPA)</b>
	1.	MS Scrap, CI, Sponge Iron, Ferro Alloys	28,875	81,235	1,10,110
14	Production Capacity as per following format:				
	<b>S. No.</b>	<b>Product name</b>	<b>Existing (TPA)</b>	<b>Proposed (TPA)</b>	<b>After Expansion (TPA)</b>
	1.	Steel Ingots/billets, Steel castings, Forging & rolled material	27,300 (Steel Ingots/billets, Steel castings)	72,800	100,100
15	Details of major productive machinery/plant				
	<b>S. No.</b>	<b>Particulars</b>	<b>Existing</b>	<b>Proposed</b>	<b>After Expansion</b>
	1.	Induction Furnace, rolling mill	1X6.5TPH (Upgraded),	1X10 TPH, 1X12 TPH	1X10 TPH, 1X12 TPH
	2.	Rolling mill	Nil	01 NO.	01 No.
	3.	Ladle Refining Furnace (LRF)	Nil	01 No.	01 No.
	4.	Concast	Nil	01 No.	01 No.
16	Details of Effluent				
	Sr. No.	Details	Existing Quantity (KLD)	Expected after expansion (KLD)	Details of existing & proposed Effluent Control Device
	i)	Industrial Effluent	Nil	Nil	---
	ii)	Domestic Effluent	8.06	9	Will be treated in STP of 15 KLD capacity. Treated water will be reused in plantation.
17	Details of Emissions (After expansion)				
	Sr. No.	Source	Capacity (TPH)	Chimney Height (m)	Details of existing & proposed Air Pollution Control Device
	i)	Induction Furnace	1X10 TPH, 1X12 TPH,	30	Side Suction Hood, Spark Arrestor, Bag House, ID Fan (Offline cleaning pulsejet bag filter)

18	Status of Proposed ToRs	Standard TORs submitted.
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The Project Proponent has submitted an undertaking that no construction activity has been done w.r.t. the proposed expansion.

SEAC was satisfied with the presentation and took a copy of the same on record.

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 Committee approved the Terms of Reference to M/s Kisco Casting Ltd for manufacturing of 1,00,100 TPA of steel casting, forging & Rolled product by upgrading existing induction furnace of 6.5 TPH capacity with new induction furnace having capacity 10 TPH and addition of one induction furnace of capacity 12 TPH, concast, Laddle refining furnace (LRF) and rolling mill at Village Nasrali, Guru Ki Nagri, Anaj Mandi-Bhadla Road, Nasrali, Near Power Grid, Mandigobindgarh, District Fatehgarh Sahib, Punjab for preparing Environmental Impact Assessment (EIA) report for the proposed project and recommended to SEIAA to issue the following TORs:

#### **STANDARD TERMS OF REFERENCE**

##### 1) Executive Summary

Report in about 8-10 pages incorporating the following:

- (i) Project name and location (Village, Distt., State, Industrial Estate (if applicable))
- (ii) Products and capacities. If expansion proposal, then existing products with capacities and reference to earlier EC.
- (iii) Requirement of land, raw material, water, power, fuel, with source of supply (Quantitative)
- (iv) Process description in brief, specifically indicating the gaseous emission, liquid effluent and solid and hazardous wastes.
- (v) Measures for mitigating the impact on the environment and mode of discharge or disposal.
- (vi) Capital cost of the project, estimated time of completion
- (vii) Site selected for the project - Nature of land - Agricultural (single/double crop), barren, Govt./private land, status of its acquisition, nearby (in 2-3 km.) water body, population, within 10 km other industries, forest, eco-sensitive zones, accessibility, (note - in case of industrial estate this information may not be necessary)
- (viii) Baseline environmental data - air quality, surface and groundwater quality, soil characteristic, flora and fauna, socio-economic condition of the nearby

population Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk.

- (ix) Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk
- (x) Likely impact of the project on air, water, land, flora-fauna and nearby population
- (xi) Emergency preparedness plan in case of natural or in plant emergencies
- (xii) Issues raised during public hearing (if applicable) and response given
- (xiii) CSR/CER plan with proposed expenditure.
- (xiv) Occupational Health Measures
- (xv) Post Project monitoring plan
- (xvi) Synopsis of the project (as available on web site i.e. [www.pbdecc.gov.in](http://www.pbdecc.gov.in))

## 2) Introduction

- (i) Details of the EIA Consultant including NABET accreditation
- (ii) Information about the project proponent
- (iii) Importance and benefits of the project

## 3) Project Description

- (i) Cost of project and time of completion.
- (ii) Products with capacities for the proposed project.
- (iii) If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
- (iv) List of raw materials required and their source along with mode of transportation.
- (v) Other chemicals and materials required with quantities and storage capacities.
- (vi) Details of Emission, effluents, hazardous waste generation and their management.
- (vii) Requirement of water (breakup for induction and rolling mill), power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract).
- (viii) Process description along with major equipment and machineries, process flow sheet (quantitative) from raw material to products to be provided

- (ix) Hazard identification and details of proposed safety systems.
  - (x) In case of Expansion/modernization proposals:
    - a) Status of compliance of Consent to Operate for the ongoing /existing operation of the project from SPCB shall be attached with the EIA-EMP report.
    - b) In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 2006 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.
- 4) Site Details
- (i) Location of the project site covering village, Taluka / Tehsil, District and State, Justification for selecting the site, whether other sites were considered. Copy of Master Plan indicating a land use pattern of the site is in conformity of proposals of Master Plan shall be attached with EIA report.
  - (ii) A top sheet of the study area of radius of 10 km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (Including all eco-sensitive areas and environmentally sensitive places)
  - (iii) Details w.r.t. option analysis for selection of site.
  - (iv) Co-ordinates (lat-long) of all four corners of the site.
  - (v) Google map-Earth downloaded of the project site
  - (vi) Layout maps indicating existing unit as well as proposed unit indicating storage area of raw material, finished products, greenbelt area with marking of tree, Location of STP/ETP, Solid waste storage area, Parking space, Firefighting equipment layout, First aid room, Location of Tube wells, DG Sets & Transformers and any other utilities
  - (vii) If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
  - (viii) Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.
  - (ix) Land use break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc. shall be included. (not required for industrial area)

- (x) A list of major industries with name and type within study area (10 km radius) shall be incorporated. Land use details of the study area.
  - (xi) Geological features and Geo-hydrological status of the study area shall be included.
  - (xii) Details of Drainage of the project up to 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)
  - (xiii) Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
  - (xiv) R&R details in respect of land in line with state Government policy
- 5) Forest and wildlife related issues (if applicable):
- (i) Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable).
  - (ii) Land use map based on High resolution satellite imagery (OPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha).
  - (iii) Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
  - (iv) The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-a-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon.
  - (v) Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area.
  - (vi) Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife.
- 6) Environmental Status
- (i) Determination of atmospheric inversion level at the project site and site specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
  - (ii) AAQ data (except monsoon) at 8 locations for PM 10, PM2.5, S02, NOX, CO and other parameters relevant to the project shall be collected. The monitoring

stations shall be based CPCB guidelines and take into account the pre dominant wind direction, population zone and sensitive receptors including reserved forests.

- (iii) Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQQM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
- (iv) Surface water quality of nearby River (100m upstream and downstream) and other surface drains at eight locations as per CPCB/MoEF& CC guidelines.
- (v) Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF& CC.
- (vi) Groundwater monitoring at minimum at 8 locations shall be included.
- (vii) Noise levels monitoring at 8 locations within the study area.
- (viii) Soil Characteristic as per CPCB guidelines.
- (ix) Traffic feasibility / serviceability study for at least 5 days based on Indian Standard Codes. Further it shall also include the details of cross section of the road on which industry is located, vehicles movement w.r.t. the industry, traffic load of other vehicles on the road incorporating the haulage time for the vehicles for loading/unloading within the premises and parking requirement to avoid the traffic congestions on the link and adjoining roads. Traffic study shall be conducted considering the traffic of the industries located in the vicinity.
- (x) Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule-I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
- (xi) Socio-economic status of the study area.

## **7) Impact Assessment and Environment Management Plan**

- (i) Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modeling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be well assessed. Details of the model used and the input data used for modeling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
- (ii) Water Quality modelling.

- (iii) Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor-cum-rail transport shall be examined.
- (iv) A note on treatment, recycling and reuse of wastewater from different plant operations, extent for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under EPA Rules.
- (v) Details of stack emission and action plan for control of emissions to meet standards.
- (vi) Measures for fugitive emission control
- (vii) Details of hazardous waste generation and their storage, utilization and disposal. Copies of MOU regarding utilization of solid and hazardous waste shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
- (viii) Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
- (ix) Action plan for the green belt development in 33 % area with not less than 1,500 trees per hectares giving details of species, width of plantation, planting schedule, post plantation maintenance plan for 3 years shall be included. The green belt shall be around the boundary and a scheme for greening of the roads used for the project shall also be incorporated
- (x) Action plan for rainwater harvesting measures at alternative sites shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the groundwater and also to use for the various activities to conserve freshwater and reduce the water requirement from other sources.
- (xi) Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
- (xii) Action plan for post-project environmental monitoring shall be submitted.
- (xiii) Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with the District Disaster Management Plan.

**8) Occupational health**

- (i) Details of existing Occupational & Safety Hazards. What are the exposure levels of above-mentioned hazards and whether they are within the Permissible Exposure Level (PEL)? If these are not within PEL, what measures the company has adopted to keep them within PEL so that the health of the workers can be preserved,
- (ii) Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre-designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre-placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above-mentioned parameters as per age, sex, duration of exposure and department wise.
- (iii) Annual report of the health status of workers with special reference to Occupational Health and Safety.
- (iv) Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers.

**9) Corporate Environment Policy**

- (i) Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
  - (ii) Does the Environment Policy prescribe for standard operating processes/procedures to bring into focus any infringement/deviation/violation of the environmental or forest norms/conditions? If so, it may be detailed in the EIA.
  - (iii) What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
  - (iv) Does the company have a system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report
- 10) Details regarding infrastructure facilities such as sanitation, fuel, restroom, etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during the operation phase.

**11) Enterprise Social Commitment (ESC)**

- (i) To address the Public Hearing issues, 2.5% of the total project cost of (Rs.\_\_\_\_crores), amounting to Rs.\_\_\_\_crores, shall be earmarked by the project proponent, towards Enterprise Social Commitment (ESC). Distinct ESC projects



shall be carved out based on the local public hearing issues. Project estimate shall be prepared based on PWD schedule of rates for each distinct Item and schedule for time-bound action plan shall be prepared. These ESC projects as indicated by the project proponent shall be implemented along with the main project. Implementation of such program shall be ensured by constituting a Committee comprising of the project proponent, representatives of village Panchayat & District Administration. Action taken report in this regard shall be submitted to the Ministry's Regional Office. No free distribution/donations and or free camps shall be included in the above ESC budget

- 12) Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. 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.
- 13) A tabular chart with index for points wise compliance of above TORs.

**B. STANDARDISED SPECIFIC TERMS OF REFERENCE FOR EIA STUDIES FOR INDUCTION/ ARC FURNACES/CUPOLA FURNACES 5TPH OR MORE**

- (i) Details of proposed layout clearly demarcating existing & proposed features of the project within the plant.
- (ii) Total no. of furnaces & details including capacity of each furnace.
- (iii) Detail of the mechanical shredder to reduce the size of the raw material.
- (iv) Complete process flow diagram describing each unit, its processes, and operations, along with material and energy inputs and outputs (material and energy balance).
- (v) Details on the design and manufacturing process for all the units.
- (vi) Details on environmentally sound technologies for recycling of hazardous materials, as per CPCB Guidelines, may be mentioned in case of handling scrap and other recycled materials.
- (vii) Details on the requirement of raw materials, its source, and storage at the plant.
- (viii) Details on the requirement of energy and water along with its source and authorization from the concerned department. Location of water intake and outfall points (with coordinates).
- (ix) Details on toxic metal content in the waste material and its composition and end-use (particularly of slag).

- (x) Details on toxic content (TCLP), composition and end-use of chrome slag. Details on the recovery of the Ferro chrome from the slag and its proper disposal.

**C. ADDITIONAL SPECIFIC TORS DECIDED DURING MEETING OF SEAC**

1. Public consultation is required for the projects as not located in notified industrial parks/estates.
2. Submit proof of ownership of land (existing owner) such as copy of latest Jamabandi (not more than one month old) and credible document showing status of land acquisition w.r.t. project site as prescribed in OM dated 07.10.2014 issued by MoEF)
3. Submit dully filled prescribed field data sheets and analysis reports along with exact location of sampling / monitoring point marked on the layout map. Also submit the status of approvals of Laboratories.
4. Submit cost of the project duly certified by Chartered Engineer/ Approved valuer / Chartered Accountant. In the absence of above, the project proponent may submit self-certified detail of cost of the project mentioning the cost of Land, building, infrastructure and plant & machinery
5. Certificate from the concerned authority w.r.t the location of protected areas as notified under the Wildlife Protection Act, 1972 within 5 km radius from the boundary of the project site.
  - (i) Certificate from the Department of Town & Country Planning or concerned authorities to support the claim made by project proponent that the project site is located in the industrial zone as per the provisions of Master Plan of Town/City in the jurisdiction of which the project site is located or the project proponent shall submit the Change of land use of the project site for total land area.
6. Compliance of 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.
7. Necessary permissions from the Central Groundwater Authority (CGWA)/ State Groundwater Authority (SGWA)/concerned authority for the abstraction of groundwater for the existing requirements as well as for the expanded unit. In case of not allowing such permission by the concerned authority for the abstraction of additional groundwater for the expanded project, the project proponent shall propose alternative arrangements to meet out the additional water requirements. It shall be ensured that: -

- a) In the projects where groundwater is proposed as a water source, the project proponent shall apply to the Central Groundwater Authority (CGWA)/ State Groundwater Authority (SGWA), as the case may be, for obtaining No Objection Certificate (NOC) if applicable.
  - b) Approval /permission of the CGWA/SGWA shall be obtained before drawing groundwater for the project activities.
  - c) In the absence of approval, submit a copy of acknowledgment along with a set of application filed to CGWA /Competent Authority for obtaining permission for the abstraction of groundwater
8. Minimize the water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
  9. STP for treatment of wastewater & re-utilization of the treated water for core/non-core activities so as to achieve the Zero Liquid Discharge Condition as per the III (iv) of OM dated 09/08/2018 issued by the MoEF&CC for such units.
  10. Reuse of cooling tower blow down, simultaneously ensuring the standards prescribed for such purge waters. If required, necessary arrangements shall be made to keep this waste stream within the parameters required for reuse.
  11. In case of any acid pickling activity, the spent acid/effluents generated from such activities shall be utilized through authorized re-processors for converting the same into useful by-products like FeSO<sub>4</sub> etc. An agreement to this effect shall be made with the authorized agencies.
  12. Adequate area to be reserved and marked on the layout plan for the green belt as per the conditions laid down by the MoEF&CC as per the Standard EC Conditions prescribed for Induction/ Electric Arc Furnace & Rolling Mills circulated vide OM dated 09/08/2018.
  13. Detailed study report along with calculation for reserving land for loading or unloading of raw material, products, slag, hazardous waste as well as for storage of these materials and the area to be reserved for parking incorporating the time required for loading and unloading of vehicles for respective activities and minimum/maximum period for which storage of the above material is required in the premises. The areas for the respective activities to be marked on the layout plan.
  14. Action plan for the compliance of standard operating procedures and up-gradation of suction and treatment arrangement for the secondary emissions as prescribed by the State Pollution Control Board or by CPCB/MoEF&CC.
  15. Compliance of standard operating procedures and up-gradation of suction/treatment systems for the control of secondary emissions within the

time frame prescribed by the State Pollution Control Board. Similar action is to be implemented in the proposed expansion project.

16. Whole of the vehicle movement area as well as the approach road to the gate /weighing bridge shall be paved with pucca/metalled / cement concrete road to control the dust emissions expected from the vehicle movement.
17. The vehicles to be used for loading/unloading purposes shall not be parked along the roadside so as to avoid the traffic congestion and dedicated parking place to be provided for the same.
18. Adopt green technologies to conserve the water and energy including shearing/cutting / bundling machines. Also, to provide abrasive resistant fire bricks in the crucibles to reduce the periodic maintenance & disposal of discarded fire bricks.
19. Use of natural gas (if available) as substitute fuel wherever possible in the existing industry/ for the expansion project.
20. Submit compliance w.r.t. condition no.II [(i) & (iii)] subtitled as "Air Quality Monitoring & Preservation" regarding continuous emission monitoring system and continuous ambient air quality monitoring as prescribed in the Standard EC Conditions for Induction/ Electric Arc Furnace & Rolling Mills issued by the MoEF&CC, New Delhi vide OM dated 09/08/2018.
21. Examine and submit the proposal for: -
  - d) Recovery of iron from slag before disposing of it.
  - e) Identify the areas for utilization of slag in a scientific manner and explore its usage in cement/construction industry/manufacturing of pavers & tiles/road laying etc.
  - f) Recovery of precious metals like Zinc, lead and iron etc. from the APCD dust (Hazardous waste) through authorized re-processor.
22. Air Pollution Control Arrangement details shall be provided as below:

Plant /Unit	Pollutants	Qty generated	Method used to Control /specifications (attach Separate Sheet to furnish Details)	Number of units planned & Capacity	Budget	Estimated Post Control Qty Pollutant	
						Per Unit	Per day

23. Submit compliance regarding the installation of Pulse jet bag filter with offline cleaning technology as APCD with the proposed induction furnace.
24. List the species with heavy foliage, broad leaves and wide canopy cover. The landscape planning should include plantation of native species. Water intensive and/or invasive species should not be used for landscaping

**The following general points shall be noted:**

- (i) The EIA document shall be printed on both sides, as far as possible.
- (ii) All documents shall be properly indexed, page numbered.
- (iii) Period/date of data collection shall be clearly indicated.
- (iv) The letter/application for environmental clearance shall quote the MOEF / SEIAA file No. and also attach a copy of the letter.
- (v) The copy of the letter received from the Ministry / SEIAA shall be also attached as an annexure to the final EIA-EMP Report.
- (vi) The index of the final EIA-EMP report must indicate the specific chapter and page no. of the EIA-EMP Report.
- (vii) While preparing the EIA report, the instructions for the proponents and instructions for the consultants issued by MOEF vide notification dated 03.03.2016 which is available on the website of this Ministry shall also be followed.
- (viii) The consultants involved in the preparation of EIA-EMP report after accreditation with Quality Council of India (QCI) /National Accreditation Board of Education and Training (NABET) would need to include a certificate in this regard in the EIA-EMP reports prepared by them and data provided by other organization/Laboratories including their status of approvals etc. Name of the Consultant and the Accreditation details shall be posted on the EIA-EMP Report as well as on the cover of the Hard Copy of the Presentation material for EC presentation.

The Terms of Reference (ToR) prescribed by the State Expert Appraisal Committee (SEAC), Punjab should be considered for the preparation of EIA / EMP report for the project in addition to all the relevant information as per the Generic Structure of EIA given in Appendix III and IIIA in the EIA Notification, 2006.

Where the documents provided are in a language other than English, an English translation shall be provided. The draft EIA-EMP report shall be submitted to the State Pollution Control Board of the concerned State for the conduct of Public Hearing. The SPCB shall conduct the Public Hearing/public consultation, district-wise, as per the provisions of EIA notification, 2006. The Public Hearing shall be chaired by an Officer, not

below the rank of Additional District Magistrate. The issues raised in the Public Hearing and during the consultation process and the commitments made by the project proponent on the same shall be included separately in EIA-EMP Report in a separate chapter and summarized in a tabular chart with financial budget (capital and revenue) along with time-schedule of implementation for complying with the commitments made.

If any part of the data/information submitted by the project proponent is found to be false or misleading at any stage, then SEIAA & SEAC will not be responsible for the expenditure incurred on the project due to the issuance of this ToR or subsequent work carried out by the project proponent for conducting EIA study or for any other activity related to the project.

The 'Terms of Reference' (TORs) prescribed will be valid for a period of three years from its issuance. The final EIA report shall be submitted to the SEIAA, Punjab for obtaining environmental clearance.

## **2.0 Deliberations during 182<sup>nd</sup> meeting of SEIAA held on 24.05.2021**

The case was considered by SEIAA in its 182<sup>nd</sup> meeting held on 24.05.2021 through Video Conference which was attended by the following:

- (i) Sh. Raghav Goel, Director, on behalf project proponent.
- (ii) Sh. Sital Singh, EIA Coordinator, M/s CPTL.

SEIAA was apprised that the proposal of the project proponent was considered by SEAC in its 200<sup>th</sup> meeting held on 07.05.2021 without obtaining the construction status report from the Punjab Pollution Control Board. In the past, as a policy, construction status report was being sought from the PPCB at the time of issuance of Terms of Reference. However, in the present case, SEAC has recommended the case for issuance of Terms of Reference on the basis of an undertaking submitted by the project proponent that no construction has been done w.r.t the proposed expansion and additional machinery/equipment will be installed after obtaining Environmental Clearance from the State Authorities.

SEIAA was also apprised that as per the decision taken by SEIAA in similar cases ( item No's 181.11 and 181.12 of 181<sup>st</sup> meeting of SEIAA held on 10.05.2021), Construction status report has been sought from the Member Secretary, PPCB vide email dated 18.05.2021 before taking further necessary action in the matter. However, the required Construction Status report has not been received from the PPCB so far.

After detailed deliberations, SEIAA decided to defer the case and issue a reminder to Member Secretary, PPCB for sending the construction status report. The case be placed in the meeting of SEIAA after getting the construction status report from the PPCB.

**Item No. 182.16: 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).**

SEIAA observed as under:

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 up to 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 up to 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., up to 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 meeting was attended by the following:

1. Sh. Bharat Bhushan, Partner, on behalf of Project Proponent.
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, up to 10.05.2024.

**2.0 Deliberations during 180<sup>th</sup> meeting of SEIAA held on 26.04.2021.**

The case was considered by SEIAA in its 180<sup>th</sup> meeting held on 26.04.2021 through Video Conference, which was attended by Sh. Bharat Bhushan, Partner, M/s Surya Industries and Sh. Sital Singh, Environmental Consultant on behalf of the promoter company.

SEIAA observed that project proponent had not started the construction at site even though Environmental Clearance was granted almost 8 years back in May, 2013. Project Proponent has also not submitted any cogent and convincing reasons for such a long delay in commencing even basic start up activities (including construction) other than a general statement that this was because of market and financial constraints. Further, no deliberation appears to have been made by SEAC as to whether the Project merits grant of extension or the Project proponent should apply for a Fresh Environmental Clearance since the baseline monitoring data collected by the project proponent is more than 7-8 years old.

SEIAA decided to remand the case to SEAC for deliberating the matter on the aforesaid issues and sending its detailed recommendations in the matter.

### **3.0 Deliberations during 200<sup>th</sup> meeting of SEAC held on 07.05.2021**

The meeting was attended by the following:

1. Sh. Sital Singh, EIA Coordinator, M/s CPTL on behalf of Project Proponent.

Sh. Sital Singh, EIA Coordinator of the Project Proponent informed the Committee that the Project Proponent was unable to appear before the meeting due to being infected with Covid-19. He had been authorized by the Project Proponent to appear before the Committee and to present the case in his absence.

After accepting the request of the EIA Coordinator, SEAC raised following observations, which he replied as under:

<b>Sr. No.</b>	<b>Observation</b>	<b>Reply</b>
1.	The Project Proponent is required to submit justification for not starting the construction of the project.	The Project Proponent submitted that when the project was conceived in 2012, there was significant demand of cement manufactured by the small grinding units due to which small scale grinding unit was financial sustainable at that time. However, during obtaining statutory clearances over a period of about one year, the demand of cement manufactured by small grinding unit became negligible. Further, the funds could not be tied up at that time to start the construction work of the unit.



		Now, as per present scenario, there are positive trends of the demand of cement manufactured by small grinding units. Also, funds required for installation of unit have been tied up and it is expected that the unit would be installed and commissioned within 2-3 years.
2.	The Project Proponent is required to submit PERT Chart for completion of the project.	The Project Proponent submitted PERT chart to complete the project by Feb. 2024.
3.	The baseline monitoring data collected by the project proponent is 7-8 years old. Why should this data be considered for considering the case for extension of Environment Clearance.	The Project Proponent submitted that study of the area was again carried out on 2 <sup>nd</sup> and 3 <sup>rd</sup> May, 2021 and comparison had been drawn between baseline data and the recent study, which is given in the following Tables.

## **BASELINE DATA COMPARISON**

### **A. AMBIENT AIR QUALITY**

Name of the Station	Period	Range/ Average/Value	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>x</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
Project Site	Dec., 2010- Feb., 2011	Range	82-88	36-40	2.7-2.8	12-13	0.4-0.5
		Average	86	38	2.7	12	0.4
	2 <sup>nd</sup> May, 2021- 3 <sup>rd</sup> May, 2021	Value	89.5	42.1	3.1	13.9	0.58
CPCB Standard			100	60	80	80	4.0

## B. GROUND WATER QUALITY

Characteristic	Period (Dec., 210- Feb., 2011)	2 <sup>nd</sup> May, 2021
	Project Site (Tube well)	
Colour, Hazen, units,	<1	<2
Odour	Unobjectionable	Unobjectionable
Taste	Agreeable	Agreeable
Turbidity, NTU	<1	<2
pH	7.3	7.3
Total Hardness (as CaCO <sub>3</sub> ) mg/I.	386	392
Total Dissolved Silica, mg/I,	12.2	12.8
Suspended Solids	--	--
TDS, mg/I	913	918
Iron (as Fe), mg/I,	0.2	0.2
Chloride (as Cl), mg/I,	42	44.2
Magnesium as mg/I,	18	22.2
Sulphate (as SO <sub>4</sub> ), mg/I,	215	216.2
Nitrate (as NO <sub>3</sub> ), mg/I	0.01	0.01
Sodium (as Na) mg/I	31	33.8
Cadmium(as Cd), mg/I	BDL	BDL
Arsenic (as As), mg/I	BDL	BDL
Cyanide (as CN), mg/I	BDL	BDL
Lead (as Pb), mg/I	BDL	BDL
Chromium (as Cr), mg/I	BDL	BDL
Mineral Oil mg/I	BDL	BDL
Ecoli/Total Coliforms	Absent	Absent

## C. AMBIENT NOISE LEVELS

SR. NO.	SITE	(Dec., 2010- Feb., 2011)	2 <sup>nd</sup> May, 2021
1.	Project Site	48 dB (A)	46 dB (A)

After comparing the old data with the current data, no significant change observed in the baseline data.

SEAC was satisfied with the reply given by the Environmental Consultant of the Project Proponent and took the reply on record.

SEAC observed that the case can be considered for extension of the Environment Clearance in light of the reply given by the Project Proponent.

After detailed deliberations, SEAC decided to recommend the case to 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, up to 10.05.2024.

#### **4.0 Deliberations during 182<sup>nd</sup> meeting of SEIAA held on 24.05.2021**

The case was considered by SEIAA in its 182<sup>nd</sup> meeting held on 24.05.2021 through Video Conference which was attended by Sh. Bharat Bhushan, Partner and Sh. Sital Singh, EIA Coordinator, M/s CPTL on behalf of Project Proponent.

SEIAA perused the recommendations sent by the SEAC and allowed Environmental Consultant to present the case. Environmental consultant of the promoter company presented the salient features of the project before SEIAA. A copy of the presentation was also submitted which was taken on record.

SEIAA observed that the case stands recommended by SEAC for grant of extension in validity in 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 up to 10.05.2024. SEIAA examined the details of the case and was satisfied with the same.

After detailed deliberations, SEIAA decided to accept the recommendations of SEAC and take action as proposed by the SEAC.

#### **General Discussions:**

Member Secretary SEIAA informed that Senior Officers of most of the Departments are signing all the corresponding documents of routine nature after taking approval of the competent authority on the office noting files.

As a routine practice, proceedings of the meeting of SEIAA are prepared and the same are forwarded to the Chairman SEIAA for approval. After taking approval from Chairman SEIAA, proceedings have are circulated among all the Members of SEIAA for any observations / comments. Action on the decision of proceedings is initiated after circulating the proceedings to all the Members of SEIAA. The proceedings of meetings of SEIAA are confirmed in the next meeting of SEIAA after taking into account further observations of the members, if any.

Member Secretary SEIAA proposed that in order to save time, SEIAA may allow the Environmental Engineer, SEIAA to sign all the correspondence documents on behalf of

Member Secretary SEIAA in respect of which decisions have been taken in the meeting and proceedings have been approved by the Chairman SEIAA after taking approval on Office Note for each item.

After detailed deliberations, SEIAA decided to empower the Environmental Engineer, SEIAA to sign all routine documents (in respect of which approval of Member Secretary, SEIAA has been obtained on the office file of each item) on behalf of Member Secretary, SEIAA. However, directions/show cause notices to be issued u/s 5 of the Environment Act, 1986 to project proponents or correspondence with the Govt. of India or Govt. of Punjab or other similar correspondence of important / sensitive nature will continue to be issued under the signatures of the Member Secretary, SEIAA.

The meeting ended with a vote of thanks to the Chair.

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