

Proceedings of 185th meeting of State Environment Impact Assessment Authority (SEIAA) held on 12.07.2021 in the Conference Hall no. 1 (Room No 311), 2nd 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 184th meeting of State Environment Impact Assessment Authority held on 28.06.2021.

The proceedings of 184th meeting of State Environment Impact Assessment Authority (SEIAA) held on 28.06.2021 were circulated through E-mail on 03.07.2021. SEIAA was apprised with respect to decision of Table item no 1 of circulated proceedings (Hi Tech Cycle Valley Project), the following decision is required to be recorded and added to the circulated proceedings:

“After detailed deliberations, SEIAA decided to amend and impose the additional Environmental conditions as listed above, as proposed by SEAC at Sr. No. 1 with respect to areas and details of Plots and amendment proposed by project proponent w.r.t total Project Cost, Population, Manpower, Solid Waste generation, Water requirement, Waste water generation and its treatment and Hazardous Waste generation and Environment Management Plan”

As such, SEIAA confirmed the proceedings of said meetings with the above said ratification.

Item No. 02: Action taken on the proceedings of the 184th meeting of State Environment Impact Assessment Authority held on 28.06.2021.

Action on the proceedings of 184th meeting of State Environment Impact Assessment Authority (SEIAA) held on 28.06.2021 is being taken and action taken report on the proceedings will be placed in the next meeting of SEIAA as and when scheduled.

Item No. 185.01: 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 167th meeting of SEAC held on 26.05.2018

The matter was considered by SEAC in its 167th 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 185th meeting of SEAC held on 29.11.2019

The case was considered by SEAC in its 185th 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 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 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	47652.39 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.

		<p>iii) 28 KW energy will be saved by using 7W LED lamps instead of using 15W CFL lamps.</p> <p>iv) 30% of the rooftop area space is proposed to set up the 198 KW f solar power generation plant.</p>
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2.1 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	167th 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 th 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 185th meeting of SEAC.
9	Lastly, the case was considered by SEAC	185 th 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 189th 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 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 Shivalik 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 166th meeting of SEIAA held on 26.06.2020

The case was considered by the SEIAA in its 166th meeting held on 26.06.2020. SEIAA perused the deliberations made during the 189th 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 letter 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 176th meeting of SEIAA held on 19.02.2021.

The case was considered by SEIAA in its 176th 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. Another reminder was also sent 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 182nd meeting of SEIAA held on 24.05.2021.

The case was considered by SEIAA in its 182nd 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 189th 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.

7.0 Deliberation during 202nd meeting of SEAC held on 21.06.2021

The meeting was attended by Ms. Daksha Gupta, EIA Coordinator, M/s Shiwalik Solid Waste Management Ltd., Environment Consultant of the project proponent.

SEAC observed that no representative from the Project Proponent side was available in the meeting. As per the decisions taken by SEIAA in its meeting held on 24.05.2021, the points-wise response is as under:

Sr. No.	Decisions taken by SEIAA in the meeting held on 24.05.21	Comments of SEAC
1.	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.	The Project Proponent was to submit the compliance report in respect of the observations of PPCB issued vide letter no. 2469 dated 03.05.21 and directions issued u/s 5 by SEIAA vide letter no. 1876 dated 29.07.20 to SEAC within 10 days from the issuance of the proceedings of this meeting i.e., by 14.06.21. However, no reply in this regard has been received from the project proponent.
2.	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;	The Municipal Council, Kharar, vide letter no. 11/1867 dated 29.12.2011 has approved the map of 6.33 acres of land for the Group Housing Development Project with built up area about 512926.02 square feet OR 47652.39 sqm. However, the copy of the layout plan submitted by the Project Proponent is not legible.
3.	Reply to the observations of SEAC stated to have been submitted by the Environmental Consultant vide letter dated 22.07.2020;	The reply of the Environmental Consultant w.r.t. the observations raised by SEAC vide letter no. 1678 & 1679 dated 17.06.20 regarding explanation of the Environmental Consultant and providing information w.r.t. Memorandum of Article & Association/ List of Directors and names of persons responsible for violation etc. was found to be not satisfactory, as no proper justification was given.

4.	Compliance made by the Project Proponent in respect of the observations of PPCB issued vide letter no. 2469 dated 03.05.2021;	Already replied at Sr. no. 1 of the Table.
5.	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.	Already replied at Sr. no. 1 of the Table.

In view of the position explained above, SEAC decided to recommend SEIAA as under:

1. The Project Proponent does not seem to be serious to pursue the case. Therefore, SEIAA may take suitable action against the Project Proponent as deemed appropriate, as per the provisions of EIA Notification/Guidelines.
2. The Environmental Consultant of the Project Proponent may be issued strict warning because of its unprofessional attitude for dealing with the case.

8.0 Deliberations during 185th meeting of SEIAA held on 12.07.2021

The case was considered by SEIAA in its 185th meeting held on 12.07.2021, which was attended by Mr. Rajesh Gupta, Manager, M/s Bajwa Developers Ltd. on behalf of promoter company, Ms. Daksha Gupta, EIA Coordinator and Mr. S. Brahma, Head of EIA from M/s Shivalik Solid Waste Management Ltd., Environment Consultant of the project proponent.

During the meeting, Environmental Engineer apprised SEIAA as under:

- (i) Environment Consultant of the promoter company vide email dated 09.07.2021 addressed to SEAC with a copy to SEIAA with respect to Minutes of 202nd meeting of SEAC, Punjab held on 21.06.2021 informed as under:

“We are always been keen to carry out this project and always follow the instructions from SEAC/SEIAA on a time bound manner. As stated in the MoM that it is the proponent got delayed reaching the meeting. Sir, we are a professional organization with strong ethical attitude, we also assure you maintain the same for preservation and conservation of Environment. We conveyed the matter to the proponent. For your information and kind cooperation please.”

- (ii) Ministry of Environment, Forest & Climate Change vide OM dated 07.07.2021 had issued standard operating procedure for identification and handling of violation cases under EIA Notification 2006 in compliance of the orders of Hon’ble National Green Tribunal in OA No. 34/2020.

Thereafter, Environmental Consultant and the project proponent present in the meeting requested SEIAA that they had submitted the reply to the observations raised by SEAC in its 202nd meeting held on 21.06.2021 and they are now serious to comply with all the observations. SEIAA was not satisfied with the reply of the project proponent and informed the project proponent that their application for issuing Terms of Reference would have been rejected in case new office

Memorandum for dealing with violation cases had not been issued by the Ministry. As such, this may be considered as last opportunity to comply with the observations.

SEIAA further observed that SEAC has not given an explicit recommendation of either rejecting or accepting the Terms of Reference to the project proponent.

After detailed deliberations, SEIAA decided that case be remand to SEAC for sending the clear-cut recommendations of rejecting/issuing the Terms of Reference while keeping in view the guidelines and provisos of the new office memorandum issued by the Ministry in respect of violation cases on 07.07.2021.

Item No. 185.02: 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 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.

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 167th meeting of SEAC held on 26.05.2018

The matter was considered by SEAC in its 167th 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 185th meeting of SEAC held on 29.11.2019

The case was considered by SEAC in its 185th 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 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 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 ²)	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
		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	Flushing-1.065 MLD Plantation & Irrigation-293 KLD Excess water discharged into Sewer		
21	Proposed Green Area	53168 sqm		

22.	Rainwater harvesting	9 number of rainwaters 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 th 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 th 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 th meeting of SEAC.
9	Lastly, the case was considered by SEAC	185 th 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 189th 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 Shivalik 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 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 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 166th meeting of SEIAA held on 26.06.2020

The case was considered by the SEIAA in its 166th meeting held on 26.06.2020. SEIAA perused the deliberations made during the 189th 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 176th meeting of SEIAA held on 19.02.2021.

The case was considered by SEIAA in its 176th 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. Another reminder was also sent 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 182nd meeting of SEIAA held on 24.05.2021.

The case was considered by SEIAA in its 182nd 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; 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 189th 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.

7.0 Deliberation during 202nd meeting of SEAC held on 21.06.2021

The meeting was attended by the following:

1. Ms. Daksha Gupta, EIA Coordinator, M/s Shiwalik Solid Waste Management Ltd., Environment Consultant of the project proponent.

SEAC observed that no representative from the Project Proponent side was available in the meeting. As per the decisions taken by SEIAA in its meeting held on 24.05.2021, the points-wise response is as under:

Sr. No.	Decisions taken by SEIAA in the meeting held on 24.05.21	Comments of SEAC
1.	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.	The Project Proponent was to submit the compliance report in respect of the observations of PPCB issued vide letter no. 2468 dated 03.05.21 and directions issued u/s 5 by SEIAA vide letter no. 1880 dated 29.07.20 to SEAC within 10 days from the issuance of the proceedings of this meeting i.e., by 14.06.21. However, no reply in this regard has been received from the project proponent.
2.	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;	The GMADA vide letter no. 1685 MPR-23 dated 06.04.2016 has approved the layout plan. However, the copy of the layout plan submitted by the Project Proponent is not legible.
3.	Reply to the observations of SEAC stated to have been submitted by the Environmental Consultant vide letter dated 22.07.2020;	The reply of the Environmental Consultant w.r.t. the observations raised by SEAC vide letter no. 1681 &

		1680 dated 17.06.20 regarding explanation of the Environmental Consultant and providing information w.r.t. Memorandum of Article & Association/ List of Directors and names of persons responsible for violation etc. was found to be not satisfactory, as no proper justification was given.
4.	Compliance made by the Project Proponent in respect of the observations of PPCB issued vide letter no. 2468 dated 03.05.2021;	Already replied at Sr. no. 1 of the Table.
5.	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.	Already replied at Sr. no. 1 of the Table.

In view of the position explained above, SEAC decided to recommend SEIAA as under:

1. The Project Proponent does not seem to be serious to pursue the case. Therefore, SEIAA may take suitable action against the Project Proponent as deemed appropriate, as per the provisions of EIA Notification/Guidelines.
2. The Environmental Consultant of the Project Proponent may be issued strict warning because of its unprofessional attitude for dealing with the case.

8.0 Deliberations during 185th meeting of SEIAA held on 12.07.2021

The case was considered by SEIAA in its 185th meeting held on 12.07.2021, which was attended by Mr. Rajesh Gupta, Manager, M/s Bajwa Developers Ltd. on behalf of promoter company, Ms. Daksha Gupta, EIA Coordinator and Mr. S.Brahma, Head of EIA from M/s Shivalik Solid Waste Management Ltd., Environment Consultant of the project proponent.

During the meeting, Environmental Engineer apprised SEIAA as under:

- (i) Environment Consultant of the promoter company vide email dated 09.07.2021 addressed to SEAC with a copy to SEIAA with respect to Minutes of 202nd meeting of SEAC, Punjab held on 21.06.2021 informed as under:

“we are always been keen to carry out this project and always follow the instructions from SEAC/SEIAA on a time bound manner. As stated in the MoM that it is the proponent got delayed reaching the meeting. Sir, we are a professional organization with strong ethical attitude, we also assure you maintain the same for preservation and conservation of Environment. We conveyed the matter to the proponent. For your information and kind cooperation please.”

- (ii) Ministry of Environment, Forest & Climate Change vide OM dated 07.07.2021 had issued standard operating procedure for identification and handling of violation cases under EIA

Notification 2006 in compliance of the orders of Hon'ble National Green Tribunal in OA No. 34/2020.

Thereafter, Environmental Consultant and the project proponent present in the meeting requested SEIAA that they had submitted the reply to the observations raised by SEAC in its 202nd meeting held on 21.06.2021 and they are now serious to comply with all the observations. SEIAA was not satisfied with the reply of the project proponent and informed the project proponent that their application for issuing Terms of Reference would have been rejected in case new office Memorandum for dealing with violation cases had not been issued by the Ministry. As such, this may be considered as last opportunity to comply with the observations.

SEIAA further observed that SEAC has not given an explicit recommendation of either rejecting or accepting the Terms of Reference to the project proponent.

After detailed deliberations, SEIAA decided that case be remand to SEAC for sending the clear-cut recommendations of rejecting/issuing the Terms of Reference while keeping in view the guidelines and provisos of the new office memorandum issued by the Ministry in respect of violation cases on 07.07.2021.

Item No. 185.03: 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 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 03.04.2018.

1.1 Deliberation during 167th meeting of SEAC held on 26.05.2018

The matter was considered by SEAC in its 167th 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 185th meeting of SEAC held on 29.11.2019

The case was considered by SEAC in its 185th 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 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-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 ²)	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 two green area and sewer	
20	Effluent utilization		Waste Water available at the outlet of STP -2.5 MLD, Flushing- 1.0 MLD Plantation & Irrigation-188.15 KLD Excess water discharged into Sewer	
21	Proposed Green Area		34209.69 sqm	
22.	Rainwater harvesting		8 number of rainwaters 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.	

2.1 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	167th 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 th 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 th meeting of SEAC.
9	Lastly, the case was considered by SEAC	185 th 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 189th 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 166th meeting of SEIAA held on 26.06.2020

The case was considered by the SEIAA in its 166th meeting held on 26.06.2020. SEIAA perused the deliberations made during the 189th 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 176th meeting of SEIAA held on 19.02.2021.

The case was considered by SEIAA in its 176th 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. Another reminder was also sent 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 182nd meeting of SEIAA held on 24.05.2021.

The case was considered by SEIAA in its 182nd 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 189th 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.

7.0 Deliberation during 202nd meeting of SEAC held on 21.06.2021

The meeting was attended by the following:

1. Ms. Daksha Gupta, EIA Coordinator, M/s Shiwalik Solid Waste Management Ltd., Environment Consultant of the project proponent.

SEAC observed that no representative from the Project Proponent side was available in the meeting. As per the decisions taken by SEIAA in its meeting held on 24.05.2021, the points-wise response is as under:

Sr. No.	Decisions taken by SEIAA in the meeting held on 24.05.21	Comments of SEAC
1.	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.	The Project Proponent was to submit the compliance report in respect of the observations of PPCB issued vide letter no. 2467 dated 03.05.21 and directions issued u/s 5 by SEIAA vide letter no. 1884 dated 29.07.20 to SEAC within 10 days from the issuance of the proceedings of this meeting i.e., by 14.06.21. However, no reply in this regard has been received from the project proponent.
2.	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;	The GMADA vide letter no. GMADA/DTP/2016/1358 dated 06.04.2016 & letter of correction of date vide no. GMADA/STP/2017/260 dated 30.01.2017, has approved the layout plan. However, the copy of the layout plan submitted by the Project Proponent is not legible.
3.	Reply to the observations of SEAC stated to have been submitted by the Environmental Consultant vide letter dated 22.07.2020;	The reply of the Environmental Consultant w.r.t. the observations raised by SEAC vide letter no. 1682 & 1683 dated 17.06.20 regarding explanation of the Environmental Consultant and providing information w.r.t. Memorandum of Article & Association/ List of Directors and names of persons responsible for violation etc. was found to be not satisfactory, as no proper justification was given.
4.	Compliance made by the Project Proponent in respect of the observations of PPCB issued vide letter no. 2467 dated 03.05.2021;	Already replied at Sr. no. 1 of the Table.
5.	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.	Already replied at Sr. no. 1 of the Table.

In view of the position explained above, SEAC decided to recommend SEIAA as under:

1. The Project Proponent does not seem to be serious to pursue the case. Therefore, SEIAA may take suitable action against the Project Proponent as deemed appropriate, as per the provisions of EIA Notification/Guidelines.
2. The Environmental Consultant of the Project Proponent may be issued strict warning because of its unprofessional attitude for dealing with the case.

8.0 Deliberations during 185th meeting of SEIAA held on 12.07.2021

The case was considered by SEIAA in its 185th meeting held on 12.07.2021, which was attended by Mr. Rajesh Gupta, Manager, M/s Bajwa Developers Ltd. on behalf of promoter company, Ms. Daksha Gupta, EIA Coordinator and Mr. S. Brahma, Head of EIA from M/s Shivalik Solid Waste Management Ltd., Environment Consultant of the project proponent.

During the meeting, Environmental Engineer apprised SEIAA as under:

- (iii) Environment Consultant of the promoter company vide email dated 09.07.2021 addressed to SEAC with a copy to SEIAA with respect to Minutes of 202nd meeting of SEAC, Punjab held on 21.06.2021 informed as under:

“we are always been keen to carry out this project and always follow the instructions from SEAC/SEIAA on a time bound manner. As stated in the MoM that it is the proponent got delayed reaching the meeting. Sir, we are a professional organization with strong ethical attitude, we also assure you maintain the same for preservation and conservation of Environment. We conveyed the matter to the proponent. For your information and kind cooperation please.”

- (iv) Ministry of Environment, Forest & Climate Change vide OM dated 07.07.2021 had issued standard operating procedure for identification and handling of violation cases under EIA Notification 2006 in compliance of the orders of Hon'ble National Green Tribunal in OA No. 34/2020.

Thereafter, Environmental Consultant and the project proponent present in the meeting requested SEIAA that they had submitted the reply to the observations raised by SEAC in its 202nd meeting held on 21.06.2021 and they are now serious to comply with all the observations. SEIAA was not satisfied with the reply of the project proponent and informed the project proponent that their application for issuing Terms of Reference would have been rejected in case new office Memorandum for dealing with violation cases had not been issued by the Ministry. As such, this may be considered as last opportunity to comply with the observations.

SEIAA further observed that SEAC has not given an explicit recommendation of either rejecting or accepting the Terms of Reference to the project proponent.

After detailed deliberations, SEIAA decided that case be remand to SEAC for sending the clear-cut recommendations of rejecting/issuing the Terms of Reference while keeping in view the guidelines and provisos of the new office memorandum issued by the Ministry in respect of violation cases on 07.07.2021.

Item no.185.04: Application for obtaining Environmental Clearance under EIA notification dated 14.09.2006 for the establishment of Commercial Project namely "Mohali Citi Avenue" at Block E, Aerocity, Distt. SAS Nagar (Punjab) by M/s STJ & Co. (SIA/PB/MIS/210586/2021).

SEIAA observed as under:

The project proponent has filed an application for obtaining Environment Clearance under EIA Notification, 2006 for the establishment of a Commercial project "Mohali Citi Avenue" located at Block-E, Aero-city, SAS Nagar Mohali, Punjab by with proposed built-up area as 52,866.78. Project is covered under Activity 8(a) & Category 'B2' as per EIA notification-2006.

The project proponent submitted the Form I, 1A and other additional documents. They have also deposited the processing fee amounting to Rs. 1,05,700/- has been paid vide UTR No. IDFBH21075211711 dated 16.03.2021. PPCB was requested to send the latest construction status report of the project through e-mail on 29.04.2021.

1.0 Deliberations during 201st meeting of SEAC held on 02.06.2021

The case was considered by SEAC in its 201st meeting held on 02.06.2021 and was attended by the following:

1. Ms. Priyanka, EIA Coordinator, M/s Eco Laboratories Pvt Ltd.
2. Anil Goyal, Partner, on behalf of Project Proponent.

SEAC observed that the latest construction status report from the Punjab Pollution Control Board was not received.

After deliberations, SEAC decided to defer the case and will be placed in the next meeting after receipt of latest construction status report from Punjab Pollution Control Board.

2.0 Deliberations during 202nd meeting of SEAC held on 21.06.2021.

The meeting was attended by the following:

1. Sh. Sandeep Garg, EIA Coordinator, M/s Eco Laboratories Pvt Ltd.
2. Anil Goyal, Partner, on behalf of Project Proponent.

SEAC was apprised that Punjab Pollution Control Board, has now, vide letter no. 3013 dated 04.06.2021 has sent the latest construction status report and the contents of the same are given as under:

"The proposed site was visited by the officer of the Board on 15.05.2021 & contacted Sh. Roshan Singh, GM of M/s STJ & Company. As per the site shown by the Project Proponent, the point-wise status report of the project namely "Mohali Citi Avenue" located at Block-E, Aero City, SAS Nagar, Mohali is as under:

1. *The representative of the company informed that project site is in 4.04 acres. No site development work has been started at site. Hoardings for advertisements has been erected at one side for the plot. One porta cabin has also been installed. The*

representative informed that the same will be use as sale Office. To the north side of the plot is jublee square commercial plots, to the south side is Aero Arcade Commercial plots, to the East side is Block-E of the Aero city and to the west side is vacant land of Mohali City Centre.

2. *At the backside of the plot, around 100 houses of Block-E of the Aerocity are there which are within 500m radius of the site. On the left side of the plot, 10-15 commercial plots/SCOs of Jublee Square are there, to the right side of the plot, 10-15 commercial plots/SCOs of Aero Arcade are there within 500m radius of the proposed site.*
3. *As per the boundary limits site shown by the project proponent during the visit, there is no. MAH industry/cement plant/ grinding unit/ rice sheller/ saila plan/ stone crushing/ screening cum washing unit/hot mix plant/ brick kiln within a radius of 500m from the boundary of the proposed site of the project. No air polluting industries is located within a radius of 500 boundary of the proposed site. Therefore, the site of the project is conforming to the sitting guidelines laid down by the Govt. of Punjab, Department of Science Technology and Environment vide order dated 25.07.2008 as amended on 30.10.2009.”*

SEAC observed that the Project Proponent has not carried out any construction activity at the site.

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

Sr. No.	Description	Details
1.	Name & Location of the project	Commercial Project namely “Mohali Citi Avenue” at Block E, Aerocity, Distt. SAS Nagar (Punjab) by M/s STJ & Co
2.	Project/activity covered	The project falls under Schedule 8(a) - ‘Building & Construction Project’ Category B as the built-up area of project is 52,866.78 sq.m.
3.	Proof of ownership of land mentioning Khasra no. & ownership details (Latest Jamabandi or Registry)	GMADA has allotted area 16349.31 Sq.Mtr. (Approx. 4.04 acres) for development of commercial project vide letter no. EO/2021/67859 dated 11.05.2021.
4.	Details as per CLU certificate like Khasra no., Project area	Site has been allocated by GMADA.
5.	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.	Partnership Deed submitted

6.	Does it attract the general condition? If yes, please specify	No							
7.	Whether the proposal involves approval/clearance under the Forest (Conservation) Act,1980	No. The project does not involve any forest land.							
8.	Does the project cover under PLPA, 1900	No							
9.	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).	No, Eco-sensitive area/ National park/ Wild Life Sanctuary falls within 10 km of the project site.							
10.	Classification/Land use pattern as per Master Plan	As per Master Plan of SAS Nagar, the project site falls in Mixed land use 1.							
11.	Cost of the project	The estimated project cost is Rs. 229.20 Crores including land and construction.							
12.	Processing Fee details (Amount/NEFT no./dated)	Processing fees for Environmental Clearance application has been calculated @ Rs. 2 / sq. m. of. total built up area. Thus Rs. 1,05,700.00 has been paid vide UTR No. IDFBH21075211711/ SOCIETY OF MISSION TANDRUST PUNJAB dated 16.03.2021.							
13.	Detail of various components								
	S.no.	Description	Particulars	Unit					
	1.	Plot Area (4.034 Acres)	16,331.45	sq. m.					
	2.	Built-up Area	52,866.78	sq. m.					
14.	Breakup of Water Requirements & source in Operation Phase (Summer, Rainy, Winter):								
	S. No	Season	Freshwater	Reuse water	Total (KLD)				
			Domestic (KLD)	Others (KLD)	Flushing (KLD)	Green area (KLD)	HVAC (KLD)	Treated Sewer (KLD)	
	1.	Summer	196	-	156	2	-	118	352
	2.	Winter	196	-	156	1	-	119	352
	3.	Rainy	196	-	156	1	-	119	352
	S.No.	Description	Source of water						
	1.	Domestic	GMADA supply						
	2.	Flushing purposes	Treated water						
	3.	Green area	Treated water						

15.	Details of acknowledgement of application filed to CGWA/ Competent Authority for obtaining permission for abstraction of ground water.	The source of water during operation phase will be from GMADA. Thus, there is no need of obtaining permission for bore wells.																				
16.	Details of Wastewater generation, Treatment facility & its Disposal arrangements in Construction Phase	During Construction Phase, wastewater generation will be treated in septic tank.																				
17.	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 282 KLD which will be treated in proposed STP of 350 KLD capacity based on MBBR technology followed by UF treatment.</p> <p>The details of the breakup of the utilization of treated wastewater are 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>156</td> <td>2</td> <td>-</td> <td>118</td> </tr> <tr> <td>Winter</td> <td>156</td> <td>1</td> <td>-</td> <td>119</td> </tr> <tr> <td>Monsoon</td> <td>156</td> <td>1</td> <td>-</td> <td>119</td> </tr> </tbody> </table>	Season	Flushing (KLD)	Green area (KLD)	HVAC (KLD)	GMADA Sewer (KLD)	Summer	156	2	-	118	Winter	156	1	-	119	Monsoon	156	1	-	119
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Summer	156	2	-	118																		
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18.	Details of Rainwater recharging/ Harvesting (m ³ /hr) proposal & technology proposed to be adopted	Total 4 no. of Rain water recharging pits are being proposed for rain water recharging within the project premises.																				
19.	Details of Solid waste generation (Qty), treatment facility and its disposal arrangement	<p>a) 1559 kg/day</p> <p>b) The solid waste shall be duly segregated into biodegradable, non-biodegradable and non-hazardous waste components as per SWM Rules, 2016.</p>																				
20.	Details of Hazardous Waste & E- Waste generation (Qty), Treatment facility and its disposal arrangement	Used oil from DG set will be generated which will be sold to authorized vendor. E-waste generated from the project will be handled as per E-Waste (Management) Rules, 2016 & its amendments.																				
21.	Detail of DG sets	1 of DG set of capacity 500 kVA have been proposed for power back up.																				
22.	Air pollution control device details	DG set shall be with in-built acoustic enclosure as approved by CPCB and conforming to MoEF Notification.																				
23.	Energy Requirements & Saving	<p>4,941 KW from Punjab State Power Corporation Limited (PSPCL).</p> <p>Energy Saving measures:</p> <p>Also, solar panels have been proposed on the roof top of the building. The total area covered by solar panels is 1,664.32</p>																				

		m ² (which is 30% of roof top area i.e., 5,547.74 m ²) which will generate 158 KW of power generation.		
24.	Details of Environmental Management Plan			
	Description	Construction Phase		Operation Phase
		Capital (in Rs. Lakhs)	Recurring Cost (in Rs. Lakhs)	Recurring Cost (in Rs. Lakhs/annum)
	Waste water Management: Dual plumbing system, Sewage Treatment Plant	65	3	5
	Air & Noise Pollution Management	10	1	0.5
	Landscaping	10	1	2.5
	Rainwater Recharging	10	1	1.5
	Environmental Monitoring	2	2	2
	Waste Management: (Collection of Solid Waste And disposal)	25	1	3
	Energy Conservation measures	100	1	2
	TOTAL	222	10	16.5
25.	Details of green belt development shall include following: a) No. of tree to be planted against the requisite norms. b) Percentage of the area to be developed.	<p>a) No. of trees required = 1 Tree per 80 sq.m. of plot area = $16331.45/80 = 204$ trees No. of trees proposed = 205 trees</p> <p>b) Green Area proposed = 350 sq.m.</p>		

SEAC raised following observations to the Project Proponent to which he replied as under:

Sr. no.	Observations	Reply
1.	City Bird Sanctuary of Chandigarh falls within 10 km of the project. Whether any permission from NBWL has been obtained.	The eco-sensitive zone of the city bird sanctuary has been notified vide notification dated 04.01.2017 and the eco-sensitive zone varies from 80 to 125 meters from the City Bird Sanctuary comprising an area of 12.0 Ha. approximately. The Project Proponent also submitted a copy of the same.

2.	How the Project Proponent will manage the Solid Waste generated in the premises to the tune of 1559 kg/day.	The biodegradable waste @ 702 kg/day will be composted in the 2 no. mechanical composters of site 500 kg and 250 kg. The non-biodegradable waste @ 826 kg/day will be disposed of at the authorized site of the Department of Local Govt.
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SEAC was satisfied with the presentation and reply of the Project Proponent and took a copy of the same 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 STJ & Co for the establishment of Commercial Project namely "Mohali Citi Avenue" at Block E, Aerocity, 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 lightening, etc.
- iii) The project proponent shall obtain forest clearance under the provisions of the Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- iv) The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- v) The project proponent shall obtain Consent to Establish / Operate under the provisions of the Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board / Committee.
- vi) The project proponent shall obtain the necessary permission for drawl of ground water/ surface water required for the project from the competent authority.
- vii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- viii) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.

- ix) The provisions of the Solid Waste (Management) Rules, 2016, E-Waste (Management) Rules, 2016, Construction & Demolition Waste Rules, 2016 and the Plastics Waste (Management) Rules, 2016 shall be followed.
- x) The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
- xi) The project site shall conform to the suitability as prescribed under the provisions laid down under the master plan of respective city/ town. For that, the project proponent shall either to submit the NOC/ land use conformity certificate from Deptt. of Town and Country Planning or other concerned Authority under whom jurisdiction, the site falls.
- xii) Besides above, the project proponent shall also comply with siting criteria / guidelines, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of projects.
- xiii) The project proponent shall get the layout plans approved from the Competent Authority for the activities / establishments to be set up at project site in consonance of the project proposal for which this environment clearance is applied.

II. Air quality monitoring and preservation

- i) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- ii) A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii) The project proponent shall install system to carryout Ambient Air Quality monitoring for common /criterion parameters relevant-to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.
- iv) Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v) Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 m height or 1/3rd of the building height and maximum up to 10 m). 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 352 KL/day, out of which fresh water demand of 196 KL /day shall be met through GMADA supply and remaining through recycling of treated wastewater from the proposed STP of 350 KLD to be installed within

the project. Total fresh water use shall not exceed the proposed requirement as provided in the project details.

- iv) a) The total wastewater generation from the project will be 282 KL/day, which will be treated in proposed STP of 350 KLD to be installed within the project. As proposed, reuse of treated wastewater shall be as under: -

Sr. No.	Season	For Flushing purposes (KLD)	Green Area (KLD)	GMADA Sewer KLD
1.	Summer	156	2	118
2.	Winter	156	1	119
3.	Rainy	156	1	119

- 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 particular 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/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 plot 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 4 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.

VI. Waste Management

- i) A certificate from the competent authority handling municipal solid waste, 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 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
- ix) Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- x) Used CFLs and TFLs should be properly collected and disposed 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 absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
- ii) At least single line plantation all around the boundary of the project as proposed shall be provided. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. The project proponent shall ensure planting of 205 plants in the project area at the identified location, as per proposal submitted, with plants of native species preferably having broad leaves. The size of the plant thus planted should not be less than 3 ft and each plant shall be protected with a fence and properly maintained. The project proponent shall make adequate provisions of funds to ensure maintenance of the plants for a further period of three years. The plants shall be protected and maintained by the project proponent or Residents Welfare Association, as the case may be, even after three years. 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 commercial 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. 222 Lacs towards the capital cost and Rs. 10 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. 16.5 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/person 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.

3.0 Deliberations during 185th meeting of SEIAA held on 12.07.2021

The case was considered by SEIAA in its 185th meeting held on 12.07.2021 which was attended by the following through Video Conference:

- (i) Sh. Anil Goyal, Partner, Sh. Harish Gupta and Sh. Rajendra Kumar on behalf of Project Proponent.
- (ii) Ms. Priyanka and Dr. Sandeep Garg, EIA Coordinator, M/s Eco Laboratories Pvt Ltd.

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. During discussions, the representative of the promoter company agreed to fully comply with all the conditions stipulated by SEAC.

SEIAA observed as under:

- (i) MoEF&CC vide OM dated 25.02.2021 has clarified that in B2 category projects (where public hearing is not involved), the project proponents will be bound to take up all activities proposed by them in the EMP as well as any additional activities that may either be committed by them before the EACs/SEIAAs/SEACs or the same have been prescribed by the EACs/SEIAAs/SEACs.
- (ii) SEIAA/SEAC in its 12th Joint meeting held on 09.06.2021 decided that project proponent be asked to propose the activities in lieu of CER in the EMP in compliance with the OM dated 25.02.2021 of MOEF&CC at scrutiny level and no case shall be appraised without taking into account the activities in lieu of CER in the EMP.
- (iii) The present case falls under category B2 projects. However, project proponent has not submitted any proposal to undertake activities in lieu of CER activities in the Environmental Management Plan (EMP) as per the OM dated 25.02.2021. SEAC has also not deliberated in its meeting held on 21.06.2021 regarding the inclusion of activities under CER in the EMP of Projects.

After detailed deliberations, SEIAA decided to remand the case to SEAC to propose the activities in lieu of CER in the EMP in compliance with the OM dated 25.02.2021 of MOEF&CC.

Item no. 185.05: Application for obtaining Environmental Clearance under EIA notification dated 14.09.2006 for the establishment of a group housing residential project namely "The Zirk" developed by M/s Urban Nest Projects located at Village Nabha, Zirakpur, Tehsil Derabassi, SAS Nagar, Mohali, Punjab (SIA/PB/MIS/212093/2021).

SEIAA observed as under:

The project proponent has filed an application for obtaining Environment Clearance under EIA notification, 2006 for establishment of a group housing residential of construction project namely "The Zirk" located at Village Nabha, Zirakpur, Tehsil Derabassi, SAS Nagar, Mohali, Punjab with proposed built-up area as 25868 Sqm. in a land area of 11454 Sqm. Project is covered under Activity 8(a) & Category 'B2' as per EIA notification-2006.

The project proponent submitted the Form I, 1A and other additional documents. They have also deposited the processing fee amounting to Rs. 51,736/- has been paid vide through NEFT No. 000104759234 dated 11.05.2021. The Project cost is 35 Cr. PPCB was requested to send the latest construction status report of the project through e-mail on 13.05.2021.

1.0 Deliberations during 201st meeting of SEAC held on 02.06.2021

The meeting was attended by Sh. Sital Singh, EIA Coordinator, M/s CPTL, on behalf of Project Proponent. SEAC observed that the latest construction status report from the Punjab Pollution Control Board was not received.

After deliberations, SEAC decided to defer the case and will be placed in the next meeting after receipt of latest construction status report from Punjab Pollution Control Board.

2.0 Deliberations during 202nd meeting of SEAC held on 21.06.2021

The meeting was attended by the following:

1. Sh. Rakesh Kumar Gupta, Partner, on behalf of Project Proponent.
2. Sh. Sital Singh, EIA coordinator, M/s Chandigarh Pollution Testing Laboratory, E-126, Phase-VII, Industrial Area, Mohali.

SEAC observed that the Punjab Pollution Control Board, has now, vide letter no. 3162 dated 15.06.2021 has sent the latest construction status report and the contents of the same are given as under:

"It is intimated that the subject cited project proponent has applied for obtaining Environmental Clearance for establishment of group housing/ residential project in the name of "The Zirk" in an area measuring 11,454 Sqm (as per application from) at village Nabha, High Ground Road, Mohali. The total proposed built-up area of the project is 25,868 sqm and the proposed cost of the project is 35 crores.

Accordingly, the proposed site was visited by the officer of the Board on 28.05.2021. As per site shown by the project proponent, the point wise status report is as under:

1. *The proposed site of the project is located on L.H.S. of the road when they approach from Zirakpur to Air Force Station High Ground, Zirakpur. The project proponent has not demarcated the boundaries of the project. No construction activity pertaining to the project has been started at the site.*
2. *The site of the project is open plot surrounded by another residential/ commercial project being developed on left side namely SBP, agricultural land on two sides (right & backside) and High Ground road on the front side of the project.*
3. *As per the boundary limits shown by the representative, it was observed that 01 no. Brick Kiln falls within 500m radius of the project and no other industry such as rice sheller/saila plant/ stone crushing/ screening-cum-washing unit/ hot mix plant/ cement unit etc. Falls within a radius of 500m. The project proponent needs to earmark its boundary limits and shall provide buffer of 15m green belt of broadleaf trees towards air polluting industry/ brick kiln in light of Department of Science, Technology, Environment, Govt. of Punjab notification dated 25.07.2008.*
4. *There is no MAH industry within a radius of 250m radius from the boundary of the proposed site.”*

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

Sr.no.	Item	Details
1.	Name and Location of the project	“The Zirk” located at Zirakpur.
2.	Project/activity	8 a (Fresh EC)
3.	Whether the project is in critical polluted area or not.	None
4.	If the project involves diversion of forest land. If yes, a) Extent of the forest land. b) Status of the forest clearance.	No
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.	No

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).	No No No																								
7.	Classification/Land use pattern as per Master Plan	Residential,																								
8.	Cost of the project	35 Crore																								
9.	Total Plot area, Built up Area and Green area	Land Area- 11454 Sqm Built-up area- 25868 Sqm Green Area- 3891 Sqm																								
10.	Population (when fully operational)	974 Persons																								
11.	Water Requirements & source in Construction Phase	5-10 KLD met by STP of MC Zirakpur																								
12.	Break up of Water Requirements & source in Operation Phase (Summer, Rainy, Winter):																									
		<table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Season</th> <th>Total Water (KLD)</th> <th>Fresh water (KLD)</th> <th>Flushing (KLD)</th> <th>Green Area (KLD)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Summer</td> <td>130</td> <td>87</td> <td>43</td> <td>21</td> </tr> <tr> <td>2</td> <td>Winter</td> <td>130</td> <td>87</td> <td>43</td> <td>6</td> </tr> <tr> <td>3</td> <td>Rainy</td> <td>130</td> <td>87</td> <td>43</td> <td>2</td> </tr> </tbody> </table>	Sr. No.	Season	Total Water (KLD)	Fresh water (KLD)	Flushing (KLD)	Green Area (KLD)	1	Summer	130	87	43	21	2	Winter	130	87	43	6	3	Rainy	130	87	43	2
Sr. No.	Season	Total Water (KLD)	Fresh water (KLD)	Flushing (KLD)	Green Area (KLD)																					
1	Summer	130	87	43	21																					
2	Winter	130	87	43	6																					
3	Rainy	130	87	43	2																					
13.	Source of Water	Treated waste water will be used in the construction Ground water Recirculation of treated water.																								
14.	Treatment & Disposal arrangements of waste water in Construction Phase	Septic Tank of capacity 10 KLD Sewer																								
15.	Disposal Arrangement of Waste water in Operation Phase	Total =130 KLD, which will be treated in the STP of capacity 200 KLD to be installed in the project premises. <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Season</th> <th>Flushing (KLD)</th> <th>Green Area (KLD)</th> <th>MC Sewer (KLD)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Summer</td> <td>43</td> <td>21</td> <td>39</td> </tr> </tbody> </table>	Sr. No.	Season	Flushing (KLD)	Green Area (KLD)	MC Sewer (KLD)	1.	Summer	43	21	39														
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1.	Summer	43	21	39																						

		2.	Winter	43	6	54
		3.	Rainy	43	2	58
16.	Rain water recharging detail	4913 m ³ /year rain water will be collected of recharging pits will be provided to recharge the rooftop rainwater of buildings after treatment through oil & Grease traps				
17.	Solid waste generation and its disposal	a)387 kg/day b) Solid wastes will be appropriately segregated (at source. by providing bins) into recyclable, Bio-degradable Components, and non- biodegradable.				
18.	Hazardous Waste & E-waste	1) Cat 5.1 Qty 25 ltr. 2) Any other Category Used oil from DG sets will be sold to registered recyclers and E-waste will be disposed of as per the E-waste (Management) Amendment Rules, 2018.				
19.	Energy Requirements & Saving	a) 1000 KW from PSPCL. b) 2x 240 KVA, 125 KVA c) Saving measures: Solar Light 10 No = 15 KWHD Common area (250) lights replaced with LED = 135 KWHD Total Energy saved/day 15+135= 150 KWHD				
20.	Environment Management Plan along with Budgetary break up phase wise and responsibility to implement	During construction phase Partner will be responsible and during operation phase, Partner Will be responsible for implementation of the EMP.				
		Description		Capital Cost (Rs)	recuring Cost (Rs)	
		Construction		63.50 lac	11.40	
		Operation			16.40	
21.	Other important facts (Applicable to EC projects only)	a) Whether all the environmental monitoring parameter are within permissible limits prescribed for such type of projects. (Applicable to EC projects) yes				

		<p>b) The MC Zirakpur, has issued the certificate vide letter no.209 dated 04-05-2021 to the effect that facility of the sewer is available for the Residential project, treated waste water after depositing requisite charges to the MC Sewer.</p> <p>c) The MC Zirakpur has issued certificate vide letter no 205 dated 03/05/2021 to the effect that they are in process of setting of common municipal Solid waste facility for the MC Zirakpur cluster and will take care of MSW likely to be generated from this project in due course of time.</p>
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SEAC raised following observations to the Project Proponent to which he replied as under:

Sr. no.	Observation	Reply
1.	The Project Proponent has to provide buffer of 15 meter green belt of broadleaf trees towards air polluting industry/ brick kiln in light of Department of Science, Technology, Environment, Govt. of Punjab notification dated 25.07.2008.	The Project Proponent submitted an undertaking to the effect that the brick kiln has already been dismantled and not in operation. If in future, the brick kiln becomes operational, then the Project Proponent shall provide 15 meter green belt towards the brick kiln.
2.	As per the KML file, the project is located very near to the Sukhna Wild Life Sanctuary and seems to fall within 10km of the Sukhna Wild Life Sanctuary.	The Project Proponent submitted the proof that the Sukhna Wild Life Sanctuary does not fall within 10km from the project site. The Project Proponent marked the distance of the project, on the topo sheet of Survey of India, from the boundary of the Sukhna Wild Life Sanctuary along with copy of topo sheet of Forest Department, Chandigarh showing the exact boundary of Sukhna Wild Life Sanctuary.
3.	From the KML file, it seems that the Project Proponent is required to obtain permission from the Forest Deptt. for diversion of Forest Land for making way to the project site.	The Project Proponent submitted that no forest land is involved in the project and the project falls on the master plan road of Zirakpur.

SEAC was satisfied with the presentation and reply submitted by the Project Proponent was taken 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 Urban Nest Projects for the establishment of residential Project namely "The Zirk" at located at Village Nabha, Zirakpur, Tehsil Derabassi, SAS Nagar, Mohali (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 byelaws.
- ii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment, etc. as per National Building Code including protection measures from lightening, etc.
- iii) The project proponent shall obtain forest clearance under the provisions of the Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- iv) The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- v) The project proponent shall obtain Consent to Establish / Operate under the provisions of the Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board / Committee.
- vi) The project proponent shall obtain the necessary permission for drawl of ground water/ surface water required for the project from the competent authority.
- vii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- viii) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- ix) The provisions of the Solid Waste (Management) Rules, 2016, E-Waste (Management) Rules, 2016, Construction & Demolition Waste Rules, 2016 and the Plastics Waste (Management) Rules, 2016 shall be followed.
- x) The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
- xi) The project site shall conform to the suitability as prescribed under the provisions laid down under the master plan of respective city/ town. For that, the project proponent shall either to submit the NOC/ land use conformity certificate from Deptt. of Town and Country Planning or other concerned Authority under whom jurisdiction, the site falls.

- xii) Besides above, the project proponent shall also comply with siting criteria / guidelines, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of projects.
- xiii) The project proponent shall get the layout plans approved from the Competent Authority for the activities / establishments to be set up at project site in consonance of the project proposal for which this environment clearance is applied.

II. Air quality monitoring and preservation

- i) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- ii) A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii) The project proponent shall install system to carryout Ambient Air Quality monitoring for common /criterion parameters relevant-to the main pollutants released (e.g., PM10 and PM2.5) covering upwind and downwind directions during the construction period.
- iv) Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v) Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3m height or 1/3rd of the building height and maximum 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 130 KL/day, out of which fresh water demand of 87 KL /day shall be met through ground water and remaining through recycling of treated wastewater from the proposed STP of 200 KLD to be installed within the 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 104 KL/day, which will be treated in proposed STP of 200 KLD to be installed within the project. As proposed, reuse of treated wastewater shall be as under: -

Sr. No.	Season	For Flushing purposes (KLD)	Green Area (KLD)	MC Sewer KLD
1.	Summer	43	21	39

2.	Winter	43	6	54
3.	Rainy	43	2	58

- b) Storage tank of adequate capacity shall be provided for the storage of treated wastewater and all efforts shall be made to supply the same for construction purposes.
- c) During construction phase, the project proponent shall ensure that the waste water being generated from the labour quarters/toilets shall be treated and disposed in environment friendly manner. The project proponent shall also exercise the option of modular bio-toilets or will provide proper and adequately design septic tanks for the treatment of such waste water and treated effluents shall be utilized for green area/plantation.
- vi) The project proponent shall ensure safe drinking water supply to the habitants. Adequate treatment facility for drinking water shall be provided, if required.
- vii) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- viii) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- ix) At least 20% of the open spaces as required by the local building bye-Jaws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
- x) Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc. and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- xi) The respective project proponent shall discourage the installation of R.O. plants in their projects in order to save the wastage in form of RO reject. However, in case the requirement of installing RO plant is utmost necessary then the rejected stream from the RO shall be separated and shall be utilized by storing the same within the particular component 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/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 plot 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 5 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-law's 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 Group Housing building or as per the requirement of the local building bye-laws, whichever is higher.

VI. Waste Management

- i) A certificate from the competent authority handling municipal solid waste, 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 27thAugust, 2003 and 25thJanuary, 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 absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
- ii) At least single line plantation all around the boundary of the project as proposed shall be provided. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. The project proponent shall ensure planting of 150 plants in the project area at the identified location, as per proposal submitted, with plants of native species preferably having broad leaves. The size of the plant thus planted should not be less than 3 ft and each plant shall be protected with a fence and properly maintained. The project proponent shall make adequate provisions of funds to ensure maintenance of the plants for a further period of three years. The plants shall be protected and maintained by the project proponent or Residents Welfare Association, as the case may be, even after three years. 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.63.50 Lacs towards the capital cost and Rs.11.40 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. 16.4 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/person 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.

3.0 Deliberations during 185th meeting of SEIAA held on 12.07.2021

The case was considered by SEIAA in its 185th meeting held on 12.07.2021 which was attended by the Sh. Rajiv Aggarwal, Authorised Signatory on behalf of promoter company and Sh. Sital Singh, EIA Coordinator and Sh. S.S. Matharu from M/s CPTL, on behalf of Project Proponent.

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.

During discussions, the representative of the promoter company agreed to comply with fully all the conditions as mentioned by SEAC. Promoter Company further volunteered to incur an expenditure of Rs 10 Lakhs in the next 2 years after start of construction for plantation purposes within the radius of 5 km from the project site for which provision has been made in the Environmental Management Plan.

To a query by SEIAA regarding operation of brick kiln which falls within 500 m radius of the project, Environmental Consultant informed that the brick kiln has not been operational from over 10 years. To this, SEIAA informed that an additional condition shall be imposed in the Environmental Clearance that project proponent shall submit certificate issued by the competent authority to the effect that the brick kiln is closed/not in operation and in case the brick kiln is made operational, project proponent shall provide 15 m green belt towards the brick kiln side of their Project as per the provisions of the Govt. Notification dated 25.07.2008. The project proponent agreed with these conditions and informed that undertaking with respect to the provision of 15m Green Belt has already been submitted vide letter no. UNP/0016 dated 21.06.2021 to SEAC.

SEIAA observed that the case stands recommended by SEAC and the Committee has awarded 'Silver Grading' to the project proposal. SEIAA looked into 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 Group housing project namely "The Zirk" having built up area as 25868 Sqm in a land area of 11454 Sqm located at Village Nabha, Zirakpur, Tehsil Derabassi, SAS Nagar, Mohali, Punjab by M/s Urban Nest Projects 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 conditions proposed by SEAC and the following additional conditions:

- i) Project Proponent shall ensure that the natural drainage channels in the project site including streams, drains, choes, creeks, rivulets etc. are not disturbed and that the natural flow of rain water etc. is not impeded or disrupted in any manner.
- ii) As volunteered by the project proponent, they shall undertake additional CSR activities to the tune of Rs 10 Lakhs in the next 2 years after start of construction for plantation purposes within the radius of 5 km from the project site for which provision has been made in the Environmental Management Plan.

- iii) Project Proponent shall furnish certificate from competent authority that the Brick Kiln located within 500 meters of the Project site is not operational, within one month from the issuance of Environmental Clearance.

Amendment in condition no. (iii) of the Environment Management Plan.

- 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 the competent authority. The year-wise funds earmarked for environmental protection measures shall be kept in a separate account and will not be diverted for any other purpose. The project proponent shall spend the minimum amount of Rs.63.50 Lacs towards the capital cost and Rs.11.40 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. 26.4 Lacs/annum towards the recurring cost in operation phase of the project including the environmental monitoring cost for the implementation of EMP as proposed in Environmental Management Plan given as under:

Sr. No.	Particulars of Expenditure	Approx. Capital Cost (Lac)	Approx. Recurring Cost (Lac)
Construction Phase			
1.	Medical Cum First Aid	0.5	1.0
2.	Toilets for sanitation system	2.0	1.0
3.	Wind breaking curtains	7.0	2.0
4.	Sprinklers for suppression of dust	2.0	1.5
5.	Environmental Monitoring	-	5.9
	Total (1)	11.5	11.4
Construction & Operation Phase			
6.	Sewage Treatment Plant	25.0	4.5
7.	Solid Waste segregation & disposal	8.0	2.0
8.	Rain Water Harvesting	7.0	1.0
9.	Green area development	12.0	2.0
10.	Environmental Monitoring	-	6.9
11.	Tree Plantation within 5 Km from Project site under CER activities	-	10.0
	Total (2)	52.0	26.4
	Grand Total	63.5	37.8

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/person 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 submission of the Six-monthly Compliance Report on Parivesh Portal.

Item No.185.06: Application for obtaining Environmental Clearance for steel manufacturing unit having proposed capacity 1,27,800 TPA of Steel billets & 1,25,000 TPA of Round, MS Bars, Flats, TMT Bars, Wire Rod etc by installing induction Furnaces at Village Mehlon Lakhawal-Kohara Road, District Ludhiana, Punjab M/s Sharu Special Alloys Pvt Ltd Unit II (Proposal No. SIA/PB/IND/63738/2020).

SEIAA observed as under:

The project proponent has applied for Environmental Clearance of M/s Sharu Special Alloys Pvt Ltd Unit II for steel manufacturing unit having proposed capacity 1,27,800 TPA of Steel billets & 1,25,000 TPA of Round, MS Bars, Flats, TMT Bars, Wire Rod etc by installing induction Furnaces. Project is covered under Schedule 3(a) & Category 'B1' as per EIA Notification, 2006. The Project cost is Rs. 22.50 Cr.

The Project was issued Terms of Reference for carrying out EIA study for obtaining Environmental Clearance under EIA notification dated 14.09.2006 vide letter no. SEIAA/MS/2020/3248 dated 05.11.2020.

The Project Proponent was deposited processing fee amounting to Rs. 56,250/- (25% of the total fee) through NEFT (Rs. 52,650/- submitted through with UTR no.- N199201190050550 dated 17th July, 2020 & Rs. 3,600/- with UTR no.- N200201190907528 dated 18th July, 2020) at the time of issuance of ToR. Now, the Project Proponent has been submitted the Environmental Clearance fee of Rs. 1,68,750/- through NEFT no. N14921156167805 dated 29.05.2021.

1.0 Deliberations during 202nd meeting of SEAC held on 21.06.2021

The meeting was attended by the following:

1. Sh. Gaurav Jain, Director of promoter company
2. Sh. Sital Singh, EIA coordinator, M/s Chandigarh Pollution Testing Laboratory, E-126, Phase-VII, Industrial Area, Mohali.

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

1.	Nature of project	EC for new project
2.	Category/ Activity	(a) B-1 (b) Metallurgical Industries (ferrous & non-ferrous) (8), Schedule 3(a) as per EIA notification-2006.
3.	a. Whether the project falls in the critical polluted area notified by MoEF&CC/CPCB. (Yes/No) b. If no and the proposed project site lies in the same or neighbouring district of critically polluted area, then	The project site falls more than 5 km from M.C. limit of Ludhiana. MC Ludhiana vide Letter no.- 910/APP-B/D dated 22/10/2019 has certified the same.

	details the distance of project site from the boundary of critically polluted area verified by the regional office of SPCB. (Submitted/Not submitted)																						
4.	<p>a. Total Project Cost (In Crores):</p> <p>b. Total project cost breakup at current price level duly certified by Chartered Engineer/ Approved valuer or Chartered Accountant</p>	<p>a. Total Project Cost (In Crores): Rs. 22.50 Crore</p> <p>b. 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>Sr.no.</th> <th>DESCRIPTION</th> <th>TOTAL COST (RS. IN CRORES)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Cost of land at current price level & area in sqm</td> <td>Rs 4.50 Crores</td> </tr> <tr> <td>2.</td> <td>Buildings</td> <td>Rs 3.00Crores</td> </tr> <tr> <td>3.</td> <td>Plant & Machinery</td> <td>Rs 12.00Crores</td> </tr> <tr> <td>4.</td> <td>*Proposed APCD / ESP / ZLD / ETP/STP/Continuous online monitoring system etc. Bag filter (Offline cleaning technology)- STP (MBBR-20KLD)</td> <td>Rs 2.10 Crores Rs. 0.20</td> </tr> <tr> <td>5.</td> <td>Others & miscellaneous</td> <td>Rs 0.70 Crores</td> </tr> <tr> <td colspan="2">TOTAL</td> <td>RS 22.50 CRORES</td> </tr> </tbody> </table> <p>*Project proponent shall assess the cost of APCD/ESP/ZLD/ETP/STP/Continuous online monitoring system etc from reputed supplier and shall include it in the Plant and machinery/APCD cost.</p>	Sr.no.	DESCRIPTION	TOTAL COST (RS. IN CRORES)	1.	Cost of land at current price level & area in sqm	Rs 4.50 Crores	2.	Buildings	Rs 3.00Crores	3.	Plant & Machinery	Rs 12.00Crores	4.	*Proposed APCD / ESP / ZLD / ETP/STP/Continuous online monitoring system etc. Bag filter (Offline cleaning technology)- STP (MBBR-20KLD)	Rs 2.10 Crores Rs. 0.20	5.	Others & miscellaneous	Rs 0.70 Crores	TOTAL		RS 22.50 CRORES
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5.	Amount of EC Processing Fee deposited by NEFT/DD (Rs. In Lacs)	Fee amount of Rs. 56,250/- has been submitted through NEFT. Rs. 52,650/- with UTR no.- N199201190050550 dated 17th July, 2020. Rs. 3,600/- with UTR no.- N20020119090728 dated 18th July, 2020 and rest 75% of total project i.e., Rs.1,68,750/- has been submitted through NEFT vide UTR no.- N149211516167805 on dated 29 th May, 2021.																					
6.	Details of technology proposed for control of emissions & effluents generated from project	<table border="1"> <thead> <tr> <th>S. No.</th> <th>Details of proposed APCD/STP/ETP/ZLD/ Continuous online monitoring system</th> <th>Technology to be adopted by new unit/After expansion</th> <th>Capacity of proposed technology</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	S. No.	Details of proposed APCD/STP/ETP/ZLD/ Continuous online monitoring system	Technology to be adopted by new unit/After expansion	Capacity of proposed technology																	
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		1	APCD	Pulse jet bag filter with Offline cleaning technology	--	
		2	STP	MBBR technology	20 KLD	
		3	ETP	--	--	
		4	ZLD Technology	--	--	
		5	Continuous online emission/effluent monitoring system	--	--	
		6	Any other	--	--	
		Total				
7.	Plot Area	39144.98 Sqm.				
8.	Type of project land as per master plan (Industrial/Agriculture/Any other),	As per master plan of Ludhiana, site falls in Industrial Zone.				
9.	ToR compliance report (Submitted/ not submitted)	Submitted.				
10.	Compliance report of public hearing proceedings (Action Taken) submitted or not submitted					
	Sr. No.	Name and address of the person	Detail of query/ statement/ information/ clarification sought by the person present	Reply of the query/ statement/ information/ clarification given by the project proponent	Action Plan	
	1.	S. Bhuneshwar Singh, S/o S. Hardiyal Singh, resident of village Kohara, Ludhiana	He asked as to whether the unit will get the monitoring of Air Pollution control Device done regularly from any authorized agency so that the efficiency and performances of these devices can be ascertained. He further asked that as to whether the project proponent will obtain certificate from the Department for operation of Industry /device.	Environmental Consultant informed that the industry will install the Air Pollution Control Devices as per the design given by the Punjab State Council for science and technology and six-monthly monitoring of these devices will be done by the PPCB lab or any other lab authorized by the PPCB. He further informed that the project proponent will obtain Consent to Establish and Consent to Operate under the provisions of the water Act, 1974 and the Air act, 1981 for establishment and	The industry will install APCD as per norms and design assigned by PSCST. Budget Allocation Rs 210.0 has been earmarked for APCD under EMP budget. Regular monitoring at intervals of six	

				operation of the Industry/ devices from PPCB.	months will be done by PPCB lab or authorized PPCB lab. Further CTE and CTO will be obtained from PPCB.
		S. Harmanpreet Singh S/o S. Sukhdev Singh, resident of Village Lakhowal, Ludhiana	He asked as to whether preference shall be given to local people for employment.	Environmental Consultant informed that the induction furnaces are operated by special technical persons, however, preference for employment shall be given to the local people having adequate qualification and experience in this field. He further added that the Sharu Group has already two similar kinds of other industries where special technical persons are operating the Induction furnace. The unit will take the help of these special technical persons to impart the training to the persons to employed in the proposed project.	The proposed project will generate employment. People from various educational backgrounds will be benefited, with project coming into being. Local people with adequate knowledge will be considered.
11.	a. 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.		(a) No		
	b. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water		(b) No		

	Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.			
12.	Raw material details:			
	Raw Materials	Proposed (TPA)		
	MS Scrap	1,38,000		
	Ferro Alloys	1300		
13.	Production Capacity details:			
	Product Name	Proposed (TPA)		
	Steel Ingots/Billets	1,27,800		
	MS Round, Hexa, TMT Bars, Wire Rod, Steel Bars, Channels, Angles & Flats	1,25,000		
14.	Details of major productive machinery/plant:			
	S. No.	Description	Proposed	
	1.	Induction Furnace	2X15TPH or 1X25TPH	
	2.	Concast Machine	01 No.	
	3.	Rolling Mill	01 No.	
15.	Manpower requirement	400		
16.	Details of Emissions			
	S.No.	Source	Fuel	APCD
	1.	02X15 TPH or 1X25 TPH	Electricity	Side Suction Hood, Spark Arrestor, Bag House, ID fan (Pulse jet bag filter with offline cleaning technology).
	2.	01x350 KVA	HSD	Equipped with Canopy
17.	Hazardous/Non-Hazardous Waste Generation details & their storage, utilization and its disposal. Copy of Agreement clearly mentioning the Quantity			
	S. No.	Waste Category	Proposed	Disposal
	1.	35.1 Flue gas Cleaning residue	490 ton/annum	Will be disposed of two M/s Madhav KRG Limited.
	2.	5.1 Used oil/Spent oil	0.03 Kl/annum	Authorized Recyclers/Lubricant within the industry
18.	Solid Waste generation and its mode of disposal:			
	S. No.	Type of waste	Proposed Quantity	Disposal method
	1.	Slag	21.6TPD	Will be given to M/s Charan Kamal tiles

19.	Waste water generation & its disposal Arrangement in Operation Phase:			
	Sr. No.	Description	Proposed	Mitigation Measures/Remarks
	1.	Industrial Effluent	Nil	No generation of industrial effluent
	2.	Domestic	14.4 KLD	STP of 16 KLD will be installed & treated water used in Plantation/Green area
20.	Breakup of Water Requirements & its source in Operation Phase:			
	S. No.	Description	Total water demand (KLD)	
	1.	Domestic water demand	18	
	2.	Make up water demand for cooling purpose	30	
	Total		48	
	3.	Green area water demand	53.6	
	Sources of water:			
	S. No.	Purposes	Source of water	
	1.	Domestic	Ground water	
	2.	Make-up water demand for cooling	Treated water	
	4.	Green area water demand	Treated water	
21.	Water balance chart for Summer, Rainy and Winter seasons (Submitted/Not Submitted)		Submitted.	
22.	Rain Water utilization proposal during monsoons (Submitted/Not Submitted)		Submitted.	
23.	Rain Water Harvesting proposal (within/outside premises) along with NOC from concerned village Sarpanch (Submitted/Not Submitted)		<p>Outside: The industrial unit has adopted one village pond for rain water harvesting at Village Mehlon, Tehsil & District Ludhiana. The total recharge potential will be 36,000 m³. Further, all the waste water of nearby Mehlon village which will be directed towards the village pond will be first treated in trenches through CSIR-NEERI's Phytoid waste water treatment technology and overflow water will be discharged into the pond.</p> <p>Inside: - a tank of 18 KLD is proposed for inside rain water harvesting using roof top of the project site.</p>	
24.	Block wise details of no. of trees to be planted in proposed greenbelt area (1500 Trees to be		Area allocation for green belt:33% i.e., 12936.80 m ² of total area as per MoEF&CC stipulated norms will be developed as the green belt. A total of 1940 trees will be planted.	

	planted @ 10000 Sqm area):	<p>Selection of plant species: Tree species like Mulberry, Shishm, Mango, Safeda, Kachnar. Bungania and False Ashok will be planted.</p> <p>Action plan & estimated budgetary allocation for proposed green belt development</p> <p>The proposed green belt in an area of 12936.8 m² will be developed in phase wise manner viz. plantation will be done in phase manner such as</p> <p>Phase I (June 2021) – 650 plants will be planted</p> <p>Phase II (June 2022) – 650 plants will be planted</p> <p>Phase III (June 2023)- 640 plants will be planted</p> <p>Budgetary allocation: ₹. 7.80 Lakhs under EMP cost.</p>																																																
25.	<p>a. Energy requirements & savings:</p> <p>b. Energy saving measures to be adopted within industry:</p>	<p>The details of the energy are given below:</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Description</th> <th>Unit</th> <th>Proposed</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Power load</td> <td>KW</td> <td>22000</td> </tr> <tr> <td>2.</td> <td>D.G. Set</td> <td>KVA</td> <td>350</td> </tr> <tr> <td></td> <td>Any other</td> <td>--</td> <td>--</td> </tr> </tbody> </table> <p><u>Energy Saving measures:</u></p> <p>a) LEDs will be used in place of CFL</p> <p>b) Solar lights will be used for lighting the streets</p>	Sr. No.	Description	Unit	Proposed	1.	Power load	KW	22000	2.	D.G. Set	KVA	350		Any other	--	--																																
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26.	<p>a. EMP Budget details</p> <p>b. Details of Environment Management Cell (EMC) responsible for implementation of EMP</p>	<p>a. EMP budget details:</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Title</th> <th>Capital Cost Rs. Lakh</th> <th>Recurring Cost Rs. Lakh</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Pollution Control during construction stage</td> <td>5.0</td> <td>---</td> </tr> <tr> <td>2</td> <td>Air Pollution Control (Installation of APCD)</td> <td>210.0</td> <td>10.0</td> </tr> <tr> <td>3</td> <td>Water Pollution Control (Installation of STP @ 16 KLD)</td> <td>20.0</td> <td>2.50</td> </tr> <tr> <td>4</td> <td>Green Belt development</td> <td>7.8</td> <td>2.50</td> </tr> <tr> <td>5</td> <td>Noise Pollution Control</td> <td>1.0</td> <td>0.20</td> </tr> <tr> <td>6</td> <td>Solid/ Hazardous Waste Management</td> <td>4.0</td> <td>0.50</td> </tr> <tr> <td>7</td> <td>Environment Monitoring and Management</td> <td>3.0</td> <td>0.30</td> </tr> <tr> <td>8</td> <td>Occupational Health, Safety and Risk Management</td> <td>3.0</td> <td>0.60</td> </tr> <tr> <td>9</td> <td>RWH</td> <td>4.0</td> <td>0.60</td> </tr> <tr> <td>10</td> <td>Miscellaneous</td> <td>2.2</td> <td>--</td> </tr> <tr> <td></td> <td>TOTAL</td> <td>260.0 lakh</td> <td>17.2 Lakh</td> </tr> </tbody> </table> <p>b. Duly constituted EMC comprises the following:</p> <ol style="list-style-type: none"> Owner/ Director GM (Works) 	S. No.	Title	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakh	1	Pollution Control during construction stage	5.0	---	2	Air Pollution Control (Installation of APCD)	210.0	10.0	3	Water Pollution Control (Installation of STP @ 16 KLD)	20.0	2.50	4	Green Belt development	7.8	2.50	5	Noise Pollution Control	1.0	0.20	6	Solid/ Hazardous Waste Management	4.0	0.50	7	Environment Monitoring and Management	3.0	0.30	8	Occupational Health, Safety and Risk Management	3.0	0.60	9	RWH	4.0	0.60	10	Miscellaneous	2.2	--		TOTAL	260.0 lakh	17.2 Lakh
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3. Environment Consultant		
27.	Project area involves forest land, (Yes/No), If yes , then details of the the extent of area involved and copy of permission & approval for the use of forest land	No
28.	Traffic Study Details	Submitted

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

After detailed deliberations, SEAC decided to award '**Silver Grading**' to the project proposal under category B1, Activity 3(a) as per EIA notification 2006 and to forward the application to SEIAA with the recommendations to grant Environmental Clearance for steel manufacturing unit having proposed capacity 1,27,800 TPA of Steel billets & 1,25,000 TPA of Round, MS Bars, Flats, TMT Bars, Wire Rod etc by installing Induction Furnaces (2x15 TPH or 1x25 TPH) at Village Mehlon Lakhawal-Kohara Road, District Ludhiana, Punjab M/s Sharu Special Alloys Pvt Ltd Unit II as per the details mentioned in the Form, EIA report, EMP & subsequent presentation /clarifications made by the Project Proponent and his Consultant subject to conditions 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 Consent to Establish/ Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned Punjab Pollution Control Board.
- v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority/competent authority concerned, in case of drawl of groundwater 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 the competent authority.

- 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 the competent authority, if any.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at the inlet as well as at the outlet (stack) of each APCD to monitor the SPM concentration with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized 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 laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iii. The project proponent shall install a system to carry out Manual Ambient Air Quality monitoring for parameters relevant to the main pollutants released (e.g., PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
- iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/ fugitive emissions to the Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust-generating points including fugitive dust from all vulnerable sources.
- vi. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- vii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, etc. regularly.
- viii. Recycle and reuse of iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration should be ensured.

- ix. The project proponent shall use leak-proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
- x. The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
- xi. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
- xii. Design and implementation of the ventilation system for adequate air changes as per the ACGIH document for all tunnels, motor houses, Oil Cellars should be ensured.

III. Water quality monitoring and preservation

- i. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- ii. The project proponent shall adhere to 'Zero Liquid Discharge'.
- iii. Sewage Treatment Plant of capacity 16 KLD shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- iv. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
- v. The project proponent shall practice rainwater harvesting to the maximum possible extent. For this, a pond at Village- Mehlon, District- Ludhiana having recharge potential of volume @ 36,900m³ shall be adopted to recharge the water @ 33,600m³/annum. As an additional safety measure, the stream carrying waste water of the village shall be diverted in one corner of Phytoid plants trench (designed based on the technology developed by CSIR-NEERI's) divided into different parts, the overflow of each chamber shall be allowed to enter into another chamber which will ultimately lead to the purification of water and collected into the pond to avoid any contamination of ground water aquifer. 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.
- vi. A tank of 18 KLD shall be constructed for inside rain water harvesting using roof top of the project site.
- vii. The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.

IV. Noise monitoring and prevention

- i. Noise level survey shall be carried as per the prescribed guidelines and the report in this regard shall be submitted to the Regional Officer of the Ministry as a part of six-monthly compliance report.

- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

V. Energy Conservation measures

- i. The project proponent shall practice hot charging of slabs and billets/blooms as far as possible.
- ii. The project proponent shall provide solar power generation on rooftops of buildings, solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- iii. The project proponent shall provide the for LED lights in their offices and residential areas.

VI. Waste management

- i. Used refractories shall be recycled as far as possible.
- ii. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.
- iii. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- iv. Kitchen waste shall be composted or converted to biogas for further use.

VII. Green Belt

- i) Green belt shall be developed in an area of 12936.80 Sqm (equal to 33% of the plant area) with tree species in accordance with SEIAA guidelines. The project proponent shall ensure planting of 1940 plants in the project area at the identified location with plants of native species preferably having broad leaves. The size of the plant thus planted should not be less than 3 ft and each plant shall be protected with a fence and properly maintained. The project proponent shall make adequate provisions of funds to ensure maintenance of the plants for a further period of three years. The plants shall be protected and maintained by the project proponent or RWA, as the case may be, even after three years.

VIII. 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 project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iii. 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 and records maintained as per the Factories Act.
- v. The project proponent shall carry out the activities apart from CER activities and spent an amount as commuted during the public hearing as per the public hearing action plan.

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 to all / 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 report to the head of the organization.
- iii. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. The project proponent shall spend a minimum amount of Rs 260 Lacs towards the capital cost and Rs 17.2 Lacs/annum towards recurring cost including the environmental monitoring cost for the implementation of EMP as proposed in following EMP plan.

S. No.	Title	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakh
1	Pollution Control during construction stage	5.0	---
2	Air Pollution Control (Installation of APCD)	210.0	10.0
3	Water Pollution Control (Installation of STP @ 16 KLD)	20.0	2.50
4	Green Belt development	7.8	2.50
5	Noise Pollution Control	1.0	0.20
6	Solid/ Hazardous Waste Management	4.0	0.50
7	Environment Monitoring and Management	3.0	0.30

8	Occupational Health, Safety and Risk Management	3.0	0.60
9	RWH	4.0	0.60
10	Miscellaneous	2.2	--
	TOTAL	260.0 lakh	17.2 Lakh

Year-wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report. Year-wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.

- iv. Self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
- v. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.

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 shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition, this shall also be displayed in the project proponent's website permanently.
- ii) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iii) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv) The project proponent shall monitor the criteria pollutants level namely; PM10, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.

- v) The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal.
- vi) The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii) The project proponent shall inform the Regional Office 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.
- viii) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- ix) The project proponent shall abide by all the commitments and recommendations made in the EIA /EMP report, commitment made during Public Hearing and also that during their presentation to the SEAC and SEIAA.
- x) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xi) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xii) The SEIAA/Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiii) The SEIAA/ Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions.
- xiv) The Regional Office of this Ministry 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 and PPCB by furnishing the requisite data / information/monitoring reports.
- xv) The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- xvi) 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.

XIII. Additional Specific Conditions decided during the meeting of SEAC:

- i) The project proponent shall install Side Suction Hood followed by Pulse-jet Bag filter with offline cleaning technology as APCD as per the amount indicated in the revised Environment Management Plan. Further, they will install APCD of flow rate 80000m³/hr each for 2no. proposed induction furnace (15TPH) or will install APCD of flow rate 1,25,000m³/hr each for 1no. proposed induction furnace (25TPH).
- ii) The project proponent shall install 24x7 continuous online SPM monitoring system at the inlet & outlet of APCD to monitor and achieve the suspended particulate matter (SPM) emission standards as prescribed by CPCB/SPCB.
- iii) The project proponent shall submit monthly summary report of continuous stack emission (inclusive of data of continuous SPM monitoring at inlet & outlet of APCD before stack) and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/ fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- iv) The project proponent shall obtain NOC from CGWA for abstraction of ground water @ 48.0 KLD to meet the requirement of Industrial, domestic & green belt.
- v) The project proponent shall construct rain water tank of capacity 18KLD to store rain water run off generated from the roof top during monsoon season within its premises.
- vi) The project proponent shall dispose of slag @ 21.6TPD as per the agreement made with the interlocking tile manufacturing units.
- vii) The project proponent shall dispose of APCD dust @ 1.4 TPD to TSDF site, Nimbua
- viii) The project proponent shall minimize the water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
- ix) The project proponent shall provide STP of 16KLD for treatment of waste water & reutilization of the treated water for non- portable use 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.
- x) The project proponent shall 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.
- xi) The project proponent shall monitor the Ground water for heavy metals in addition to routine parameters pre-monsoon and post monsoon. At least 3 samples i.e., one from within the premises and two from outside the premises of the project shall be taken.
- xii) The project proponent shall reserve 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. The area to be reserved by considering 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.

- xiii) The project proponent shall comply with the standard operating procedures and up-gradation of suction and control arrangement for the secondary emissions as prescribed by the State Pollution Control Board or by CPCB/MoEF&CC.
- xiv) Whole of the vehicle movement area as well as 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.
- xv) The vehicles to be used for loading/unloading purposes shall not be parked along the roadside to avoid traffic congestion and a dedicated parking place to be provided for the same.
- xvi) The project proponent shall adopt green technologies to conserve water & energy. Also, provide abrasive resistant fire bricks in the crucibles to reduce the periodic maintenance & disposal of discarded fire bricks.
- xvii) The project proponent shall use natural gas (if available) as substitute fuel wherever possible in the existing industry/ for the expansion project.
- xviii) The project proponent shall take necessary action w.r.t. the following: -
 - a) Recovery of iron from slag before disposing of it.
 - b) Identify the areas for utilization of slag in a scientific manner and its usage in cement/construction industry/road laying etc.

2.0 Deliberations during 185th meeting of SEIAA held on 12.07.2021

The case was considered by SEIAA in its 185th meeting held on 12.07.2021 which was attended by the following:

- (i) Sh. Gaurav Jain, Director, on behalf of promoter company
- (ii) Sh. Sital Singh and Sh. S.S. Matharu, EIA coordinator, M/s Chandigarh Pollution Testing Laboratory, E-126, Phase-VII, Industrial Area, Mohali.

Environmental Consultant of the promoter company presented the salient features of the project. A copy of the presentation submitted by the Environmental Consultant was taken on record by the SEIAA.

To a query by SEIAA regarding the green area, environmental consultant of the promoter company replied that 33% green area (12936.80 sqm) shall be provided as per the guidelines issued by the MoEF&CC.

To another query by SEIAA regarding parking space, Environmental Consultant informed that transport parking in open area @ 3122.67 sqm; staff parking in open area @ 167.28 sqm; car parking area @ 92.93 sqm; cycle parking in open area @ 483.27 sqm and transport parking area

@ 3666.17 sqm will be provided and the same has also been detailed on the layout plan. No parking shall be allowed outside the plant.

During discussions, the representative of the promoter company agreed to fully comply with all the conditions recommended by SEAC. Promoter Company further volunteered to incur an expenditure of Rs 22.5 Lakhs (1% of the total project cost) for CER activities in the next 2 years for which provision has been made in the Environmental Management Plan.

The SEIAA observed that the case stands recommended by SEAC and the Committee has awarded 'Silver Grading' to the project proposal. The SEIAA looked into 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 steel manufacturing unit having proposed capacity 1,27,800 TPA of Steel billets and 1,25,000 TPA of Round, MS Bars, Flats, TMT Bars, Wire Rod etc. by installing induction Furnaces at Village Mehlon Lakhawal-Kohara Road, District Ludhiana, Punjab by M/s Sharu Special Alloys Pvt Ltd Unit II as per the details mentioned in Form 2, EIA report and subsequent presentation /clarifications made by the project proponent / his consultant along with proposed measures, conditions as recommended by SEAC, additional condition, amended conditions as agreed by the project proponent as under:-

Additional Condition

As volunteered by the project proponent, they shall undertake CER activities to the tune of Rs 22.5 Lakhs (1% of the total cost) in the next 2 years for which provision has been made in the Environmental Management Plan. The project proponent shall submit detailed plan of the CER activities with time schedule within two months to SEIAA Punjab.

Amended conditions no. (iii) of 'Environmental Management Plan'

- iii. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and will not be diverted for any other purpose. The project proponent shall spend a minimum amount of Rs 282.5 Lacs towards the capital cost and Rs 17.2 Lacs/annum towards recurring cost including the environmental monitoring cost for the implementation of EMP as proposed in following EMP plan:

S. No.	Title	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakh
1	Pollution Control during construction stage	5.0	---
2	Air Pollution Control (Installation of APCD)	210.0	10.0
3	Water Pollution Control (Installation of STP @ 16 KLD)	20.0	2.50
4	Green Belt development	7.8	2.50
5	Noise Pollution Control	1.0	0.20

6	Solid/ Hazardous Waste Management	4.0	0.50
7	Environment Monitoring and Management	3.0	0.30
8	Occupational Health, Safety and Risk Management	3.0	0.60
9	RWH	4.0	0.60
10	Miscellaneous	2.2	--
11	Activities to be carried out under CER	22.5	--
	TOTAL	282.5 lakh	17.2 Lakh

Year-wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with submission of the Six-Monthly Compliance Report on the Parivesh Portal.

ItemNo.185.07: Application for amendment and extension in the Environmental clearance under EIA notification dated 14.09.2006 for development a residential Colony namely Florence City in the revenue estate of village Manewal, Rara, Tehsil Pathankot, District Gurdaspur by M/s Nitin Mahajan Developers & Colonizers Ltd. (Proposal No. SIA/PB/MIS/ 153065/ 2020).

SEIAA observed as under:

The project proponent was granted Environmental Clearance vide no. 2320 dated 25.07.2014 for development a residential Colony namely Florence City in the revenue estate of village Manewal, Rara, Tehsil Pathankot, District Gurdaspur.

The project proponent has now applied for obtaining amendment as well as extension in the Environmental Clearance granted to it. The Environment Clearance granted to the Project Proponent is valid up to 24.07.2021 as per the O.M dated 12.04.2016. Further vide OM dated 18.01.2021, the MoEF has mandated that the period from the 1 April, 2020 to the 31st 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 24.07.2022.

The amendment has been sought in the Environment Clearance due to the following reasons:

- i) The layout plan of the site was revised since the location of STP was changed as per directions by PPCB and the EWS plots (70 nos.) was clubbed into one chunk of land so that it can be handed over to ULB as per the notification of Deptt. of Local Govt. dated 24.10.2016. The Notification clause 4(ii) stipulates allocation of 5% of gross plot area in colonizing projects for plot allocation to EWS, as per specifications.
- ii) Earlier in the old layout plan no drain was considered while approving by the ULB, but in new layout plan the irrigation drain has been considered passing through the project area, resulting in reorganization of plots. This drain will be under the charge and maintenance of irrigation department. Total 5073.97 m² of area has been left for drain in the new proposal. The drain was not considered by the ULB while approving the earlier layout plan. In the revised layout plan the earmarking of the drain has resulted in deletion of plots. There is also a proposed bridge in new layout plan which is approved by irrigation department dated 5.02.2016.
- iii) Total no. of Residential plots proposed earlier was 320 (250 plots+70 EWS), now in the revised layout plan 220 plots for residential and 1.26acre land for EWS is proposed.

Sr.no.	Previous Layout Plan	Revised Layout Plan
1.	Block A- 88 Plots	Block A- 82 Plots
2.	Block B-89 Plots	Block B-43 Plots
3.	Block C-143 Plots (73 plots +70 EWS Plots)	Bock C-95 Plots

- iv) In the earlier EC waste water disposal was proposed using Karnal Technology. Now the Project Proponent has proposed to utilize the treated wastewater for internal irrigation after achieving the discharge parameters. Location of the STP has also been changed.

- v) The Green area proposed in previous plan was 13,210 m² now as per new proposal 38,850.0 m² is proposed as green area. Plantation along the drain will also be provided the increased green area would be able to utilize most of the treated waste water.

Comparative Area Statement

Items	As per EC issued vide letter SEIAA/2320 Dated 25.7.14	As per New Proposal (Layout Plan)
Total Plot Area	1,01879.70 m²	101879.61 m²
Reserved area and area under road widening	825.21 m ²	No road widening proposed now
Reserve Area	697.33 m ²	697.33 m ²
Net Planned area	1,00357.16 m²	1,01182.28 m²
Area under plot	47,347.87 m ²	43,560.50 m ²
Area under EWS	5,488.94 m ²	5095.10 m ²
Total area under Commercial	2,352.18 m ²	2262.34 m ²
Club Area	2,105.30 m ²	1947.25 m ²
Area under School	4,147.89 m ²	4148.03 m ²
Area under STP	438.13 m ²	505.26 m ²
Area under water works	-	357.1 m ²
Ground Coverage Permissible	55186.40 m ²	36,743.11 m²
Ground Coverage Proposed	-	36375.68 m²
Open space	-	64806.6
Green area provided	13,210 m²	38,850.0 m²
Area left for drain	-	5073.97 m ²
Area under road and internal circulation & other paved area	32941.41 m ²	25956.6 m ²
FAR Area	1,45,747.82m²	1,10,156.19m²
Non-FAR Area	2252.18m ²	1735.55 m ²
Built-up Area	1,48,000.0m²	1,11,891.74 m²
Total no. of Plots	250	220
EWS unit	70	-
Population	5335	4234

The Project Proponent has deposited Rs. 2,23,785/- vide NEFT no. PUBH20220409733 dated 07.08.2020.

1.0 Deliberations during 202nd meeting of SEAC held on 21.06.2021

The meeting was attended by the following:

1. Sh. Om Prakash wahi, on behalf of Project Proponent.
2. Sh. Samarjit Kumar Goyal, EIA Coordinator.

SEAC raised following observations to the Project Proponent:

Observation 1: Whether the Project Proponent has obtained permission from the Department of Irrigation for the drain passing through the project site.

Reply: The Project Proponent informed that the Department of Irrigation has approved the construction of Bridge on Khadi-Khad drain vide Memo No. 222-24/CDO/G/473/13 dated 05.02.2016. The Bridge shall be constructed by the Project Proponent at its own expense. Further, the ownership of the Bridge will be of Department of Irrigation, Punjab and the Govt. can remove the Bridge as per their decision and expenditure for the removal will be borne by the applicant. Further, the applicant i.e., Project Proponent shall deposit the expenditure for upkeep and maintenance of the Bridge to the Department of Irrigation, Punjab every year.

Observation 2: The Project Proponent was asked regarding the ultimate disposal of 51 KLD of surplus water in winter season and 102 KLD of surplus water in rainy season.

Reply: The Project Proponent submitted that the surplus water will be stored in a holding tank of capacity 400 KLD.

SEAC was satisfied with the reply.

SEAC also observed that as per the revised layout plan submitted by the Project Proponent the location of STP has also been changed as advised by PPCB.

SEAC further observed that as per the prevailing norms, the Environmental Clearance of the Project Proponent is valid up to 24.07.2022 and the Project Proponent has not submitted any valid reason for seeking extension in the Environmental Clearance. Since the Project Proponent still has some time to complete the project, the application of the Project Proponent could not be considered at this stage for obtaining extension in the Environmental Clearance.

SEAC perused the compliance report submitted by the Project Proponent and was found satisfactory.

After detailed deliberations, SEAC decided to recommend SEIAA to grant amendment in the Environmental Clearance issued vide letter no. 2320 dated 25.07.2014 with amendments given as under:

Table 1.0

Items	As per New Proposal (Layout Plan)
Total Plot Area	101879.61 m²
Reserved area and area under road widening	No road widening proposed now
Reserve Area	697.33 m ²
Net Planned area	1,01182.28 m²

Area under plot	43,560.50 m ²
Area under EWS	5095.10 m ²
Total area under Commercial	2262.34 m ²
Club Area	1947.25 m ²
Area under School	4148.03 m ²
Area under STP	505.26 m ²
Area under water works	357.1 m ²
Ground Coverage Permissible	36,743.11 m²
Ground Coverage Proposed	36375.68 m²
Open space	64806.6
Green area provided	38,850 m²
Area left for drain	5073.97 m ²
Area under road and internal circulation & other paved area	25956.6 m ²
FAR Area	1,10,156.19m²
Non-FAR Area	1735.55 m ²
Built-up Area	1,11,891.74 m²
Total no. of Plots	220
EWS unit	1.26 acres of land to be developed by Deptt. of Local Govt.
Population	4234
Treated waste water disposal	Horticulture, Flushing, HVAC, DG SET Cooling

2.0 Deliberations during 185th meeting of SEIAA held on 12.07.2021

The case was considered by SEIAA in its 185th meeting held on 12.07.2021 which was attended by the following:

- (i) Sh. Om Prakash Wahi, Vice President on behalf of Promoter Company.
- (ii) Sh. Samarjit Kumar Goyal, EIA Coordinator.

SEIAA was apprised that item no. 185.11 of 185th meeting of SEIAA also relates to the current agenda item. Background to the two agenda items (present item + item no. 185.11) is that SEAC in its 202nd meeting held on 21.06.2021 had recommended grant of amendment to the Project but had not recommended grant of extension. However, in its 203rd meeting held on 05.07.2021 SEAC has reconsidered the matter and the request of the project proponent and observed that under the prevailing circumstances and the pandemic situation it does not seem feasible for the Project Proponent to complete the project within the validity period of Environment Clearance i.e., before 24.07.2022. SEAC has therefore recommended that the Environment Clearance of the project be extended for a period of 3 years.

After detailed deliberations, SEAC decided to recommend SEIAA to extend the Environment Clearance granted to the project namely "Florence City" in the revenue estate of village

Manewal, Rara, Tehsil Pathankot, District Gurdaspur by M/s Nitin Mahajan Developers & Colonizers Ltd., for a period of three years i.e., up to 24.07.2025, subject to same terms and conditions as imposed in the original Environment Clearance granted vide no. 2320 dated 25.07.2014.

On being asked by SEIAA, Environmental consultant of the promoter company presented the report on compliance of the conditions of Environmental Clearance granted to the project. Project Proponent / Environmental Consultant also submitted that all stipulated conditions of the EC would be fully implemented during the extension period and the requisite 6 monthly compliance reports would be submitted / uploaded on Parivesh portal.

To a query by SEIAA regarding the timely completion of the project, Environmental Consultant informed that construction of the project shall be completed well before June, 2025. However, SEIAA was not satisfied with the reply as at present only 20 % work has been completed after lapse in a time period of 7 years which raises doubts that the remaining 80 % work will be completed in the next 4 years (in the extended validity period of the EC). To this, Environmental Consultant / Project proponent informed that construction work was greatly affected due to delays in grant of necessary approvals from other regulatory bodies, directions from the PPCB to change the location of STP and due to the COVID-19 pandemic. Project Proponent assured SEIAA that the project will be completed within the extended period of EC.

SEIAA observed that the case stands recommended by SEAC for both amendment of and extension in the validity of the project. SEIAA examined the details of the case and was satisfied with the same.

After detailed deliberations, SEIAA decided to accept the recommendations of SEAC made in its 202nd and 203rd meeting held on 21.06.2021 and 05.07.2021 respectively and permit amendments to the Project as per the Table 1.0 as also extend the validity of Environmental Clearance granted to the Township Project namely "Florence City" in the revenue estate of village Manewal, Rara, Tehsil Pathankot, District Gurdaspur for three years i.e., up to 24.07.2025, subject to the same terms and conditions as imposed in the original Environment Clearance granted vide no. SEIAA/2320 dated 25.07.2014 and additional conditions as under:

- (i) All stipulated conditions of the EC would be fully implemented and the requisite six-monthly compliance reports would be submitted / uploaded on Parivesh portal.
- (ii) The SEIAA will review the progress of the Project after one year. In case the progress is not found to be satisfactory, extension of Environmental Clearance granted to the project shall be reviewed and is liable to be revoked.

Item No.185.08: Application for issuance of TORs for proposed Grain Based Ethanol plant having installed capacity of 190KLD and 5MW co-generation plant at village-Lakho Ke Behram, Tehsil Guruharsahai, District Ferozepur, Punjab by M/s Ferozepur Green Energy Pvt Ltd. (Proposal No. SIA/PB/IND2/ 63300/2021).

SEIAA observed as under:

The project proponent has applied for issuance of TOR for proposed Grain Based Ethanol plant having production capacity of 190 KLD and 5 MW co-generation plant at village-Lakho Ke Behram, Tehsil Guruharsahai, District Ferozepur, Punjab. Project is covered under activity 5(g) & Category 'B1' as per EIA Notification, 2006. The Project cost is 175.81 Cr.

The project proponent had submitted the Form I, Pre-feasibility report and other additional documents on online portal. He had also deposited the requisite fee amounting Rs. 4,39,525/- vide UTR No. HDFC52021051392382108 dated 13.05.2021. 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. 13,18,575/- will be paid at the time of applying for Environmental Clearance.

The project proponent submitted an undertaking that the project site does not cover under the Forest Conservation Act, 1980 or Punjab Land Preservation Act, 1900, Wildlife area under Wildlife (Protection) Act, 1972. Further no litigation against the project is pending in any Court of Law and no construction activity relating to the project has been started. The project site neither fall in Eco-sensitive Zone nor in the boundary of critical polluted area. The project does not attract the generation condition and specific condition.

The project proponent during the presentation to the Committee be asked to present the applicability of General Conditions, suitability of site, land details etc.

1.0 Deliberations during 201st meeting of SEAC held on 02.06.2021

The meeting was attended by the following:

1. Sh. Sital Singh, EIA Coordinator, M/s CPTL, Mohali.
2. Ms. Ruchika, Assistant Manager, on behalf of Project Proponent.

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

Sr. no.	Nature of project	ToR for new project
1.	a) Category b) Activity (As per schedule appended to EIA Notification, 2006 as amended time to time)	B1 It is a Category 'B1' project under schedule 5(g) in EIA Notification, 2006

2.	Whether the project falls in the critical polluted area notified by MoEF&CC/CPCB.	No
3.	Total Project Cost (in crores)	Rs. 175.81 Crores
4.	Amount of EC Processing Fee deposited by NEFT/DD	An amount of Rs. 4, 39,525/- submitted through NEFT no.- HDFC52021051392382108 on dated 13.05.2021
5.	Plot Area Details	Total Area – 15.68 Acres or 6.35 ha or 63508m ²
6.	<p>a. Type of project land as per master plan (Industrial/Agriculture/Any other),</p> <p>b. If non-industrial land then the details of Land Use Certificate / permissibility Certificate from Competent Authority (DTP/CTP) intimating land use pattern of the project site as per proposals of Master Plan of the area. (Submitted/Not Submitted)</p>	This is an agricultural land and CLU of Industrial land will be obtained.
7.	<p>a. 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>b. 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>
8.	Raw material details	

	Particulars	Quantity (TPD)	Storage Capacity	Source & Mode of transportation of raw material
	Damaged Food Grains (broken rice, wheat, corn, sorghum & millets)	390	3500 MT Silo	Local Supplier by road
	OTHERS CHEMICALS			
	Antifoam	342 kg/day	5.0 T	Nearby market by Trucks. 10-15 days storage will be provided.
	Sodium Meta Bisulphite	75gm/day	1.0 T	
	Liquefying Enzymes	460kg/day	5.0 T	
	DAP	310kg/day	5.0 T	
	Sulphuric Acid	160kg/day	2.0 T	
	Caustic Lye	525kg/day	5.0 T	
9.	Production Capacity details:			
	Sr. No	PRODUCT	QUANTITY	
	1	Rectified Spirit, Industrial alcohol, Ethanol, Specially Denatured Spirit, Denatured Spirit, Fusel Oil, AFS	190 KLD	
	2	Liquified Carbon-Dioxide (CO ₂)	130KLD	
	3	Cogeneration Plant	5MW	
	4	DWGS/DDGS	171MT	
10.	Source of Water – Tubewell Details of Water Requirement:			
	DESCRIPTION	TOTAL REQUIREMENT		
	Domestic	10 KLD		
	Process	1380KLD		
	Total	1390 KLD		
11.	Details of Boiler are as under:			
	PARTICULARS	DESCRIPTION		
	Capacity of Boiler	40TPH		
	Fuel used	Rice Husk (260 TPD)		
	Stack Height	50m (GL)		
	APCD	Electro Static Precipitator (ESP)		

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

The Project Proponent submitted that the collection of baseline data was started in the month of April and will continue till June end. He requested to allow the Project Proponent to use the data for the month of April, May and June 2021 for preparation of the EIA report.

SEAC accepted the request of the Project Proponent.

After detailed deliberations, it was decided to categorize the project under Activity 5(g); B-1 with public consultation as required for the project. The Committee approved the Terms of Reference to M/s Ferozepur Green Energy Pvt Ltd. for proposed Grain Based Ethanol plant having installed capacity of 190KLD and 5MW co-generation plant at village-Lakho Ke Behram, Tehsil Guruharsahai, District Ferozepur, 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
- 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 lands are 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, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
 - viii. Process description along with major equipments and machineries, process flow sheet (quantitative) from raw material to products to be provided
 - ix. Hazard identification and details of proposed safety systems.
 - x. Expansion/modernization proposals:
 - a. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, 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 FY2005-2006) 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.
- ii. A toposheet of the study area of radius of 10km 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, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
- vii. Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.
- viii. 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)
- ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area
- x. Geological features and Geo-hydrological status of the study area shall be included.
- xi. 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)
- xii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
- xiii. 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 (GPS) 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-à-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 PM10, PM2.5, SO₂, NO_x, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based on 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 of discharge point) 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, if yes give details.
 - vi. Ground water 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 study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.
 - 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 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 Modelling 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 assessed. Details of the model used and the input data used for modelling 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 - in case of discharge in water body
 - 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 of wastewater from different plant operations, extent recycled and reused 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 E(P) 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 management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant 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 plan in 33 % area i.e., land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project 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 plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water 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 District Disaster Management Plan.
- 8) Occupational health

- i. Plan and fund allocation to ensure the occupational health & safety of all contract and casualworkers
 - 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 analysed data of above-mentioned parameters as per age, sex, duration of exposure and department wise.
 - iii. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,
 - iv. Annual report of health status of workers with special reference to Occupational Health and Safety.
- 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 process / 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 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 operation phase.
- 11) 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.
- 12) A tabular chart with index for points wise compliance of above TOR.

SPECIFIC TERMS OF REFERENCE FOR EIA STUDIES FOR DISTILLERIES

1. List of existing distillery units in the study area along with their capacity and sourcing of raw material.
2. Number of working days of the distillery unit.

3. Details of raw materials such as molasses/grains, their source with availability.
4. Details of the use of steam from the boiler.
5. Surface and Ground water quality around proposed spent wash storage lagoon, and compost yard.
6. Plan to reduce spent wash generation within 6-8 KL/KL of alcohol produced.
7. Proposed effluent treatment system for molasses/grain-based distillery (spent wash, spent lees, condensate and utilities) as well as domestic sewage and scheme for achieving zero effluent discharge(ZLD).
8. Proposed action to restrict fresh water consumption within 10 KL/KL of alcohol production.
9. Details about capacity of spent wash holding tank, material used, design consideration. No. of piezometers to be proposed around spent wash holding tank.
10. Action plan to control ground water pollution.
11. Details of solid waste management including management of boiler ash, yeast, etc. Details of incinerated spent wash ash generation and its disposal.
12. Details of bio-composting yard (if applicable).
13. Action plan to control odour pollution.
14. Arrangements for installation of continuous online monitoring system (24x7 monitoring device)

2.0 Deliberations during 184th meeting of SEIAA held on 28.06.2021

The case was considered by SEIAA in its 184th meeting held on 28.06.2021 through video conference which was attended by the following:

1. Sh. Rajneesh Bansal, Project Manager and Ms. Ruchika Parihar, Assistant Manager on behalf of Project Proponent
2. Sh. Sital Singh, EIA Coordinator and Sh. S.S. Matharu from M/s CPTL, Mohali.

Environmental Consultant of the Promoter Company and the project proponent requested for withdrawal of the application submitted for the issuance of Terms of Reference, which has already been recommended by SEAC in its 201st meeting held on 02.06.2021.

To a query regarding reasons for withdrawal of the application, Project Proponent informed that Ministry of Environment, Forest & Climate Change has issued a new notification on 16.06.2021 with respect to the activity "*Grain based distilleries producing ethanol, solely to be used for Ethanol Blended Petrol Programme of the Government of India.*" The new Notification also states that such projects under category B shall be appraised as B2 category projects by the Central Government.

SEIAA observed that said Notification regarding Grain based distilleries producing ethanol is in respect of Projects which only manufacture Ethanol which is to be exclusively used for Ethanol Blended Petrol Programme of the Government of India. However, the proposed project is not exclusively for Ethanol manufacturing as it includes manufacture of Rectified Spirit, Industrial alcohol, Ethanol, Specially Denatured Spirit, Denatured Spirit, Fuel Oil, AFS @ 190 KLD, Liquified Carbon-Dioxide (CO₂) @ 130 KLD, Cogeneration Plant @ 5 MW and DWGS/DDGS @ 171 MT.

To this, Environmental Consultant informed that industry intends to produce ethanol by using grain as a raw material and the unit will have zero liquid discharge-based treatment system and other products such as DDGS and CO₂ are only by-products. As such, in view of the MoEF&CC Notification S.O. 2339 (E) dated 16.06.2021, it is requested that proposal of the company may be permitted to be withdrawn and the application fee of Rs. 4.39 lacs deposited on 13.05.2021 may be refunded so that they may apply for EC at the central level in compliance with the Notification. The withdrawal request dated 28.06.2021 submitted by the project proponent was taken on record by SEIAA.

After detailed deliberations, SEIAA decided to defer the decision on the same since the request for withdrawal had been submitted in the meeting itself and it was necessary to deliberate in depth whether the application of the Project Proponent was covered under the MOEF&CC Notification dated 16.06.2021 or not. It was also decided that the Project Proponent should furnish detailed reasons in writing in support of their claim that the Project was covered under this new Notification (despite the fact that the Project entailed the manufacture of a number of other products too) so that the matter could be considered and decided in the next meeting of SEIAA.

In view of the above, the project proponent submitted a letter mentioning the detailed reasons in writing in support of their claim that the Project was covered under this new Notification and as such competency to decide the case lies with the Ministry. A copy of the said letter is annexed as Annexure-1 of the Agenda.

3.0 Deliberations during 185th meeting of SEIAA held on 12.07.2021

The case was considered by SEIAA in its 185th meeting held on 12.07.2021 through video conference which was attended by the following:

- (i) Ms. Ruchika Parihar, Assistant Manager on behalf of Promoter Company.
- (ii) Sh. Sital Singh, EIA Coordinator and Sh. S.S. Matharu from M/s CPTL, Mohali as Environmental Consultant.

During the meeting, Environmental Consultant presented the manufacturing process flow diagram of the proposed project to prove his contention that CO₂ and DDGS are essential by-products in the process of manufacturing ethanol which cannot be produced without these by-products. Undertaking was also provided that the entire quantity of Ethanol to be produced will be used only for blending with petrol. SEIAA was satisfied with the reply of the Environmental Consultant.

Further, the refund request of the project proponent was also considered by SEIAA. In this regard it was appraised that as per the clause no. (iii) of Govt. Notification No. 10/167/2013-STE

(5)/1510178/1 dated 27.06.2019, no refund of processing fees shall be entertained once the application is submitted. However, SEIAA observed as under:

- (i) As per the said notification, the processing fee shall be applicable to all cases for which Environmental Clearances is required from SEIAA/SEAC.
- (ii) Fee shall be paid by the applicant seeking Environmental Clearance in order to provide requisite logistics, secretariat, IT and other technical support to SEIAA/SEAC.
- (iii) Project proponent had submitted application for issuance of TORs on 13.05.2021 when the competency to process the case and issue TORs vested with SEIAA. However, before the case could be processed and TORs issued, MOEF&CC vide its Notification dated 16.06.2021 amended the earlier Notification and decided that the competency for this category of cases would vest with the Ministry. As such, Project Proponent is being compelled to withdraw his application made to SEIAA Punjab due to issue of amended notification by the MoEF&CC.
- (iv) As competency to decide the case lies with the Ministry and the application has not been processed by SEIAA, Punjab, processing fee may be refunded to the applicant.

In view of the above, SEIAA observed that refund of the processing fee deposited by the applicant, is legally tenable and as such, SEIAA decided to accept the request of the applicant regarding refund of processing fee of Rs. 4.39 lacs deposited on 13.05.2021.

After detailed deliberations, SEIAA decided to accept the request of withdrawal of the application bearing Proposal No. SIA/PB/IND2/ 63300/2021 submitted for issuance of Terms of Reference for proposed Grain Based Ethanol plant and allowed the withdrawal of the case on Parivesh Portal subject to the condition that fresh application should be submitted to the Ministry in compliance with the Notification dated 16.06.2021 within a period of 30 days.

SEIAA further decided that Director, DECC be requested to refund the processing fee of Rs.4.39 lacs through cheque drawn in the favour of M/s Firozpur Green Energy Private Limited since application of EC has not been processed by SEIAA, Punjab as the competency to decide the case lies with the Ministry.

Item No.185.09: Application for obtaining Environmental Clearance for manufacturing of 1,05,000 TPA of Alloys/Non Alloys Steel Billets/Ingots and 1,00,000 TPA of Structural Steel (Round, Coil, Flats, Wire Rod, TMT Bars) by upgrading existing Furnace of 10TPH, additional of one no. IF of capacity 15TPH, a concast and a Rolling Mill having capacity 15TPH respectively at Village Bhagwanpura, Dehlon Road, Tehsil Ludhiana East, District Ludhiana, Punjab by M/s J.N. Tayal Steels Pvt. Ltd. (Proposal No. SIA/PB/IND/63124/2020).

SEIAA observed as under:

The project proponent has applied for Environmental Clearance of M/s J.N. Tayal Steels Pvt. Ltd. for manufacturing of 1,05,000 TPA of Alloys/Non Alloys Steel Billets/Ingots and 1,00,000 TPA of Structural Steel (Round, Coil, Flats, Wire Rod, TMT Bars) by upgrading existing Furnace of 10TPH, additional of one no. IF of capacity 15TPH, a Concast and a Rolling Mill having capacity 15TPH respectively at Village Bhagwanpura, Dehlon Road, Tehsil Ludhiana East, District Ludhiana, Punjab project is covered under Schedule 3(a) & Category 'B1' as per EIA Notification, 2006. The Project cost is 12.91 Cr.

The Project was issued Terms of Reference for carrying out EIA study for obtaining Environmental Clearance under EIA notification dated 14.09.2006 vide letter no. SEIAA/MS/2020/3252 dated 05.11.2020.

The Project Proponent earlier at the time of ToRs submitted Rs. 32,275/- (25% of the total fee) vide NEFT No. SBIN20071284811 dated 11.03.2020. They have also deposited the processing fee amounting to Rs. 96,825/- through NEFT No. SBIN321124690284 dated 04.05.2021. Construction status report from the Regional Office 4, Ludhiana Punjab Pollution Control Board was obtained at the time of issuance of ToR and as per the report no construction activity was carried out w.r.t expansion of the industry. The Project Proponent has now submitted EIA report.

1.0 Deliberations during 201st meeting of SEAC held on 02.06.2021

The meeting was attended by the following:

1. Sh. Sital Singh, EIA Coordinator, M/s CPTL, Mohali.
2. Mohan Tayal, Director, on behalf of Project Proponent.

SEAC allowed the Environmental Consultant of the Project Proponent to present 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 existing & proposed project
2.	a) Category b) Activity (As per schedule appended to EIA Notification, 2006 as amended time to time)	(a) B-1 (b) Metallurgical Industries (ferrous & non-ferrous), Schedule 3(a) as per EIA notification-2006.

3.	<p>a. Whether the project falls in the critical polluted area notified by MoEF&CC/CPCB. (Yes/No)</p> <p>b. 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.</p>	<p>The project site falls 6.20 km from M.C. limit of Ludhiana. Letter no.- 3684 DTP(L)/-M2A dated 25/11/2019 is obtained and submitted</p>								
4.	<p>Total Project Cost (In Crores):</p>	<p>Total Project Cost (In Crores): Rs. 12.91 Crore</p> <table border="1" data-bbox="781 579 1375 768"> <thead> <tr> <th data-bbox="781 579 980 726">Existing Cost (Rs. in Crores)</th> <th data-bbox="980 579 1180 726">Proposed Cost (Rs. in Crores)</th> <th data-bbox="1180 579 1375 726">Total Cost (Rs. in Crores)</th> </tr> </thead> <tbody> <tr> <td data-bbox="781 726 980 768">4.91</td> <td data-bbox="980 726 1180 768">8.0</td> <td data-bbox="1180 726 1375 768">12.91</td> </tr> </tbody> </table>			Existing Cost (Rs. in Crores)	Proposed Cost (Rs. in Crores)	Total Cost (Rs. in Crores)	4.91	8.0	12.91
Existing Cost (Rs. in Crores)	Proposed Cost (Rs. in Crores)	Total Cost (Rs. in Crores)								
4.91	8.0	12.91								
5.	<p>Amount of EC Processing Fee deposited by NEFT/DD (Rs. In Lacs)</p>	<p>25% of the total project cost i.e., a sum of Rs. 32,275/- has been submitted through RTGS vide UTR No. SBIN120071284811 dated 11/03/2020 and rest 75% of total project i.e., Rs. 96,825/- has been submitted through NEFT vide UTR no.- SBIN321124690284 on dated 04/05/2021.</p>								
6.	<p>Total Area (m²)</p>	<p>11537.73</p>								
7.	<p>Type of project land as per master plan (Industrial/Agriculture/Any other)</p>	<p>As per master plan of Ludhiana, site falls in Industrial Zone.</p>								
8.	<p>ToR compliance report</p>	<p>Submitted.</p>								
9.	<p>Compliance report of public hearing proceedings (Action Taken)</p>	<p>Submitted</p>								
10.	<p>a. 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>b. 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</p>	<p>(a) No</p> <p>(b) No</p>								

	thereof and compliance/ATR to the notice(s) and present status of the case.					
11.	Raw material details:	Sr. No.	Raw Materials	Existing (TPA)	Proposed (TPA)	Total (TPA)
		1.	MS Scrap	32,500	82,900	1,15,400
		2.	Ferro Alloys	1,050	3,150	4,200
12.	Production Capacity details:	Product Name	Existing (TPA)	Additional (TPA)	Total (TPA)	
		Alloy/Non-Alloys Steel Billets/ Ingots	29,610	75,390	1,05,000	
		Structural Steel (Round, Coil, Flats, Wire Rod, TMT Bars)	Nil	1,00,000	1,00,000	
13.	Details of major productive machinery/plant:	Sr. No.	Description	Existing	Proposed	After Expansion
		1.	Induction Furnace	08 TPH (to be upgraded)	01X10TPH 01X15 TPH	01X10TPH 01X15 TPH
		2.	Rolling Mill	---	15Ton/hr	15 Ton/hr.
		3.	D.G. Set	125 KVA – 01 No.	Nil	125 KVA 01 No.
		4.	CCM	Nil	01 No.	01 No.
14.	Details of Emissions (After expansion)	Existing				
		Sr. No.	Source of stack emission	Capacity	Stack height (m)	APCD
		1.	Induction Furnace	8 TPH	30m above ground level	Bag Filter House
		2.	D.G. Set	1X125kVA	2.5m above roof level	---
		After Expansion				
		1.	Induction Furnace	1X10 TPH, 1X15 TPH	30m above ground level	Pulse Jet bag filter with offline cleaning technology.
		2.	D.G. Set	1X125kVA	2.5m above	---

					roof level	
15.	Hazardous/Non-Hazardous Waste Generation details & their storage, utilization and its disposal. Copy of Agreement clearly mentioning the Quantity	Sr. No	Waste Category	Existing	After Expansion	Disposal
		1	35.1 Flue gas Cleaning residue	1.8 TPA	101 TPA	To be Disposed to TSDF, Nimbuan
		2	5.1 Used oil/Spent oil	0.03kl/Annum	0.05kl/Annum	Authorized Recyclers/Lubricant within the industry
16.	Solid Waste generation and its mode of disposal:	Details		Unit	Total Quantity after expansion	Disposal method
		Domestic Solid Waste		Kg/Day	40 Kg/Day	Piggery Farmers
		Slag		TPD	28.11 TPD	M/s Jindalsons, 802/A, Cemetery Road, Civil Lines, Near Govt, Model School, Ludhiana.
17.	Waste water generation & its disposal Arrangement in Operation Phase:	Sr. No.	Description	Existing	After Expansion	Mitigation Measures
		1.	Industrial Effluent	NIL	NIL	No generation of industrial effluent
		2.	Domestic	3.6 KLD	6.0 KLD	STP of 10.0 KLD will be installed & treated water used in Plantation/Green area
18.	Details of the block in which the project site is located as per CGWA guideline (Notified/ Non-Notified area and name of block)	The project site falls in Samrala block which is non- notified by CGWA.				

19.	Breakup of Water Requirements & its source in Operation Phase:	Sr. No.	Description	Existing water demand (KLD)	Proposed water demand (KLD)	Total water demand (KLD)
		1.	Domestic water demand	3.0	4.5	7.5
		2.	Make up water demand for cooling purpose	8.0	15.0	23.0
		Total		11.0	19.5	30.5
		3.	Green area water demand	19.8 KLD		
		Sources of water:				
		S.No.	Purposes	Source of water		
		1.	Domestic	Ground water		
		2.	Make-up water demand for cooling	Treated water		
		4.	Green area water demand	Treated water		
20.	Water balance chart for Summer, Rainy and Winter seasons (Submitted/Not Submitted)	Submitted.				
21.	Rain Water utilization proposal during monsoons	Submitted.				
22.	Rain Water Harvesting proposal (within/outside premises) along with NOC from concerned village sarpanch	<p>Outside: The industrial unit has adopted one village pond for rain water harvesting at Village Paddi. The total recharge potential will be 27,316 m³. Further, all the waste water of nearby Salani village which will be directed towards the village pond will be first treated in trenches through CSIR-NEERI's Phytoid waste water treatment technology and overflow water will be discharged into the pond.</p> <p>Inside: - a tank of 15 KLD is proposed for inside rain water harvesting using roof top of the project site.</p>				
23.	Block wise details of no. of trees to be planted in proposed greenbelt area	Area allocation for green belt: 33% i.e., 3810.40 m ² of total area as per MoEF&CC stipulated norms will be developed as the green belt. A total of 571 trees will be planted. 100 trees have already been planted.				

	(1500 Trees to be planted @ 10000 Sqm area):	<p>Selection of plant species: Existing tree species are Shisham, Mango, Safeda, and Kachnar. Tree species like Mulberry, Bungania and False Ashok will be planted.</p> <p>Action plan & estimated budgetary allocation for proposed green belt development</p> <p>The proposed green belt in an area of 3810.40 m² will be developed in phase wise manner viz. plantation will be done in Phase-wise manner</p> <p>Phase I (June 2021) – 157 plants will be planted</p> <p>Phase II (June 2022) – 157 plants will be planted</p> <p>Phase III (June 2023)- 157 plants will be planted</p> <p>Budgetary allocation: ₹. 2.5 Lakhs under EMP cost.</p>																																																
24.	<p>a. Energy requirements & savings:</p> <p>b. Energy saving measures to be adopted within industry</p>	<p>a. The details of the energy are given below:</p> <table border="1"> <thead> <tr> <th>Sr. 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>4000</td> <td>12000</td> <td>16000</td> </tr> <tr> <td>2.</td> <td>D.G sets</td> <td>KVA</td> <td>125</td> <td>Nil</td> <td>125</td> </tr> <tr> <td></td> <td>Any other</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table> <p><u>Energy Saving measures:</u></p> <p>b) LEDs will be used in place of CFL</p> <p>c) Solar lights will be used for lighting the streets</p>	Sr. No.	Description	Unit	Existing	Proposed	Total	1.	Power load	KW	4000	12000	16000	2.	D.G sets	KVA	125	Nil	125		Any other	--	--	--	--																								
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25.	<p>a. EMP Budget details</p> <p>b. Details of Environment Management Cell (EMC) responsible for implementation of EMP</p>	<p>a. EMP budget details:</p> <table border="1"> <thead> <tr> <th>Sr. No</th> <th>Title</th> <th>Capital Cost ₹ Lakh</th> <th>Recurring Cost ₹ Lakh</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Pollution Control during construction stage</td> <td>2.0</td> <td>---</td> </tr> <tr> <td>2</td> <td>Air Pollution Control (Installation of APCD)</td> <td>98.0</td> <td>5.0</td> </tr> <tr> <td>3</td> <td>Water Pollution Control (Installation of STP @ 10 KLD)</td> <td>12.0</td> <td>1.00</td> </tr> <tr> <td>4</td> <td>Green Belt development</td> <td>2.5</td> <td>0.6</td> </tr> <tr> <td>5</td> <td>Noise Pollution Control</td> <td>1.0</td> <td>0.1</td> </tr> <tr> <td>6</td> <td>Solid/ Hazardous Waste Management</td> <td>7.5</td> <td>---</td> </tr> <tr> <td>7</td> <td>Environment Monitoring and Management</td> <td>5.0</td> <td>0.10</td> </tr> <tr> <td>8</td> <td>Occupational Health, Safety and Risk Management</td> <td>10.0</td> <td>0.50</td> </tr> <tr> <td>9</td> <td>RWH</td> <td>10.0</td> <td>0.50</td> </tr> <tr> <td>10</td> <td>Miscellaneous</td> <td>4.0</td> <td>--</td> </tr> <tr> <td></td> <td>TOTAL</td> <td>₹152</td> <td>₹7.8</td> </tr> </tbody> </table>	Sr. No	Title	Capital Cost ₹ Lakh	Recurring Cost ₹ Lakh	1	Pollution Control during construction stage	2.0	---	2	Air Pollution Control (Installation of APCD)	98.0	5.0	3	Water Pollution Control (Installation of STP @ 10 KLD)	12.0	1.00	4	Green Belt development	2.5	0.6	5	Noise Pollution Control	1.0	0.1	6	Solid/ Hazardous Waste Management	7.5	---	7	Environment Monitoring and Management	5.0	0.10	8	Occupational Health, Safety and Risk Management	10.0	0.50	9	RWH	10.0	0.50	10	Miscellaneous	4.0	--		TOTAL	₹152	₹7.8
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		A duly constituted EMC comprises the following: 4. Owner/ Director 5. GM (Works) 6. Environment Consultant
26.	Project area involves forest land, (Yes/No), If yes, then details of the the extent of area involved and copy of permission & approval for the use of forest land	Already existing unit
27.	Traffic Study Details:	Submitted

The Project Proponent during the presentation informed that the APCD installed on existing 8 TPH furnace shall be upgraded to handle 75000 m³/hr gas volume being generated from the proposed furnace of 10 TPH capacity. Further, separate APCD equipped with bag filter house for handling 125000 m³/ hr, designed from PSCST is proposed for 15 TPH furnace. Further, APCD dust will be disposed of to TSDF site Nimbuan. The Project Proponent has also filed an application to Punjab Water Regulation and Development Authority (PWRDA) for obtaining permission for ground water extraction. The above details have also been submitted by the Project Proponent vide letter dated 02.06.2021.

SEAC was satisfied with the presentations and took it on record.

After detailed deliberations, SEAC decided to award 'Silver Grading' to the project proposal under category B1, Activity 3(a) as per EIA notification 2006 and to forward the application to SEIAA with the recommendations to grant Environmental Clearance for manufacturing of 1,05,000 TPA of Alloys/Non Alloys Steel Billets/Ingots and 1,00,000 TPA of Structural Steel (Round, Coil, Flats, Wire Rod, TMT Bars) by upgrading existing 8 TPH furnace to 10TPH capacity, additional 1 No. furnace of 15TPH capacity, a concast and a Rolling Mill having capacity 15TPH respectively at Village Bhagwanpura, Dehlon Road, Tehsil Ludhiana East, District Ludhiana, Punjab by M/s J.N. Tayal Steels Pvt. Ltd as per the details mentioned in the Form, EIA report, EMP & subsequent presentation /clarifications made by the Project Proponent and his Consultant subject to conditions as under:

X. Statutory compliance:

- iii. 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.
- iv. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.

- v. 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)
- vi. The project proponent shall obtain Consent to Establish/ Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned Punjab Pollution Control Board.
- vii. The project proponent shall obtain the necessary permission from the Central Ground Water Authority/competent authority concerned, in case of drawl of groundwater 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 the competent authority.
- viii. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- ix. 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.
- x. The project proponent shall comply with the CLU conditions imposed by the competent authority, if any.

XI. Air quality monitoring and preservation

- iii. The project proponent shall install 24x7 continuous emission monitoring system at the inlet as well as at the outlet (stack) of each APCD to monitor the SPM concentration with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iv. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- v. The project proponent shall install a system to carry out Manual Ambient Air Quality monitoring for parameters relevant to the main pollutants released (e.g., PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.

- vi. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/ fugitive emissions to the Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- vii. Appropriate Air Pollution Control (APC) system shall be provided for all the dust-generating points including fugitive dust from all vulnerable sources.
- viii. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- ix. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, etc. regularly.
- x. Recycle and reuse of iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration should be ensured.
- xi. The project proponent shall use leak-proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
- xii. The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
- xiii. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
- xiv. Design and implementation of the ventilation system for adequate air changes as per the ACGIH document for all tunnels, motor houses, Oil Cellars should be ensured.

XII. Water quality monitoring and preservation

- iii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iv. The project proponent shall adhere to 'Zero Liquid Discharge'.
- v. Sewage Treatment Plant of capacity 10 KLD shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- vi. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
- vii. The project proponent shall practice rainwater harvesting to the maximum possible extent. For this, a pond at village Paddi, District- Ludhiana having recharge potential of volume @ 27,316m³ shall be adopted to recharge the water @ 21,352m³/annum. As an additional safety measure, the stream carrying waste water of the village shall be diverted in one corner of Phytoid plants trench (designed based on the technology developed by CSIR-NEERI's) divided

into different parts, the overflow of each chamber shall be allowed to enter into another chamber which will ultimately lead to the purification of water and collected into the pond to avoid any contamination of ground water aquifer. 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.

- viii. A tank of 10 KLD shall be constructed for inside rain water harvesting using roof top of the project site.
- ix. The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.

XIII. Noise monitoring and prevention

- iii. Noise level survey shall be carried as per the prescribed guidelines and the report in this regard shall be submitted to the Regional Officer of the Ministry as a part of six-monthly compliance report.
- iv. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

XIV. Energy Conservation measures

- iii. The project proponent shall practice hot charging of slabs and billets/blooms as far as possible.
- iv. The project proponent shall provide solar power generation on rooftops of buildings, solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- v. The project proponent shall provide the for LED lights in their offices and residential areas.

XV. Waste management

- iii. Used refractories shall be recycled as far as possible.
- iv. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.
- v. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- vi. Kitchen waste shall be composted or converted to biogas for further use.

XVI. Green Belt

- i) Green belt shall be developed in an area of 3810 Sqm (equal to 33% of the plant area) with tree species in accordance with SEIAA guidelines. Total 571 trees like Amaltas, Arjun, Jamun, Mulberry, Mango, Amla, Poplar, Jamun, Arjun, Ashoka, Sagwan will be planted in phase manner to be planted without accounting the shrubs.

XVII. Public hearing and Human health issues

- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- iv. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- 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. The project proponent shall carry out the activities apart from CER activities and spent an amount as commuted during the public hearing as per the public hearing action plan.

XVIII. Environment Management Plan

- iii. 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 to all / 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.
- iv. 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 report to the head of the organization.
- v. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. The project proponent shall spend a minimum amount of Rs 152Lacs towards the capital cost and Rs 7.8 Lacs/annum towards recurring cost including the environmental monitoring cost for the implementation of EMP as proposed in following EMP plan.

Sr. No.	Title	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakh
1	Pollution Control during construction stage	98.0	5.0
2.	Air Pollution Control (Installation of APCD)	12.0	1.00

3.	Water Pollution Control/ STP up-gradation	2.5	0.6
4.	Noise Pollution Control	1.0	0.1
5.	Green belt Development	7.5	---
6.	Solid Waste Management	5.0	0.10
7.	Occupational Health, Safety and Risk Management	10.0	0.50
8.	RWH	10.0	0.50
9.	Miscellaneous	4.0	--
	Total	₹152 Lakh	₹7.8 Lakhs

Year-wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report. Year-wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.

- vi. Self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
- vii. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.

XIV. 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

XV. Miscellaneous

- i) The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition, this shall also be displayed in the project proponent's website permanently.
- ii) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iii) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv) The project proponent shall monitor the criteria pollutants level namely; PM10, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for

the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.

- v) The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal.
- vi) The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii) The project proponent shall inform the Regional Office 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.
- viii) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- ix) The project proponent shall abide by all the commitments and recommendations made in the EIA /EMP report, commitment made during Public Hearing and also that during their presentation to the SEAC and SEIAA.
- x) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xi) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xii) The SEIAA/Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiii) The SEIAA/ Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions.
- xiv) The Regional Office of this Ministry 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 and PPCB by furnishing the requisite data / information/monitoring reports.
- xv) The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

- xvi) 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.

XVI. Additional Specific Conditions decided during the meeting of SEAC:

- i) The project proponent shall install Side Suction Hood followed by Pulse-jet Bag filter with offline cleaning technology as APCD as per the amount indicated in the revised Environment Management Plan. Further, they will upgrade existing APCD of flow rate 36000m³/hr to 75000m³/hr for 1no. proposed induction furnace (10TPH) and will install separate Air Pollution Control Devices (Pulse jet bag filter with offline cleaning technology) for another one proposed Induction Furnace of 15 TPH capacity. The flow rate for APCD will be 1,25,000m³/hr.
- ii) The project proponent shall install 24x7 continuous online SPM monitoring system at the inlet & outlet of APCD to monitor and achieve the suspended particulate matter (SPM) emission standards as prescribed by CPCB/SPCB.
- iii) The project proponent shall submit monthly summary report of continuous stack emission (inclusive of data of continuous SPM monitoring at inlet & outlet of APCD before stack) and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/ fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- iv) The project proponent shall obtain NOC from CGWA/Concerned Authority for abstraction of ground water @ 41.3 KLD to meet the requirement of Industrial, domestic & green belt.
- v) The project proponent shall construct rain water tank of capacity 15KLD to store rain water run off generated from the roof top during monsoon season within its premises.
- vi) The project proponent shall dispose of slag @ 28.11TPD as per the agreement made with the interlocking tile manufacturing units.
- vii) The project proponent shall dispose of APCD dust @ 0.29 TPD to TSDF site, Nimbua
- viii) The project proponent shall minimize the water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
- ix) The project proponent shall provide STP of 10KLD for treatment of waste water & reutilization of the treated water for non- portable use 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.
- x) The project proponent shall 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.

- xi) The project proponent shall monitor the Ground water for heavy metals in addition to routine parameters pre-monsoon and post monsoon. At least 3 samples i.e., one from within the premises and two from outside the premises of the project shall be taken.
- xii) The project proponent shall reserve 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. The area to be reserved by considering 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.
- xiii) The project proponent shall comply with the standard operating procedures and up-gradation of suction and control arrangement for the secondary emissions as prescribed by the State Pollution Control Board or by CPCB/MoEF&CC.
- xiv) Whole of the vehicle movement area as well as 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.
- xv) The vehicles to be used for loading/unloading purposes shall not be parked along the roadside to avoid traffic congestion and a dedicated parking place to be provided for the same.
- xvi) The project proponent shall adopt green technologies to conserve water & energy. Also, provide abrasive resistant fire bricks in the crucibles to reduce the periodic maintenance & disposal of discarded fire bricks.
- xvii) The project proponent shall use natural gas (if available) as substitute fuel wherever possible in the existing industry/ for the expansion project.
- xviii) The project proponent shall take necessary action w.r.t. the following: -
 - c) Recovery of iron from slag before disposing of it.
 - d) Identify the areas for utilization of slag in a scientific manner and its usage in cement/construction industry/road laying etc.

1.0 Deliberations during 184th meeting of SEIAA held on 28.06.2021

The case was considered by SEIAA in its meeting held on 28.06.2021 which was also attended by the following through video conference:

1. Sh. Jatin Tayal, Director of J.N. Tayal Steels
2. Sh. Sital Singh, EIA Coordinator, M/s CPTL, Mohali.

During the meeting, SEIAA was apprised as under:

- (i) The proposal of the project proponent was considered by SEAC in its 201st meeting held on 02.06.2021 and the case has been recommended to SEIAA for grant of Environmental Clearance on the basis of construction status report obtained at the time of issuance of TOR.

- (ii) Joint Committee of SEIAA/SEAC in its 12th meeting held on 09.06.2021 decided that construction status report will be sought from the PPCB in all the cases before appraising the project for grant of Environmental Clearance by SEAC in order to verify that no construction has been carried out by the project proponent prior to obtaining Environmental Clearance under the EIA Notification 14.09.2006.
- (iii) Construction status report was sought by SEAC for item no. 184.08 (M/s Shiva Casting Pvt. Ltd.) of 184th meeting of SEIAA prior to grant of Environmental Clearance under the EIA Notification 14.09.2006 whereas for item no. 184.07 (present agenda item), the case has been recommended to SEIAA for grant of EC without obtaining the construction status report from the PPCB.

SEIAA was of the view that the uniform policy as decided in the Joint meeting of SEIAA/SEAC held on 09.06.2021 has to be adopted for all cases. Construction status report from the PPCB is, therefore, necessary prior to grant of EC. Further, SEIAA perused the PPT submitted by the Environmental Consultant and the following observations were raised:

- (i) Detailed disposal arrangements for slag @28.11 TPD are required to be submitted.
- (ii) Details of the CER activities to be included in the EMP are to be provided.
- (iii) Revised plan for the development of green belt is to be submitted.
- (iv) Action taken report on the public hearing is to be submitted.

To this, Environmental Consultants sought some time to reply to the aforesaid observations. After detailed deliberations, SEIAA decided that the case be deferred and following action be taken:

- (i) Project proponent be asked to submit the reply to the aforesaid observations.
- (ii) Member Secretary, PPCB be requested to send the latest Construction/installation status of the machinery of the proposed project.
- (iii) After getting report from the PPCB and reply from the Project Proponent regarding the above observations, case be placed before SEIAA for taking further necessary action in the matter.

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

- (i) Additional Details has been sought on 05.07.2021 through online (PARIVESH portal)
- (ii) PPCB has been requested vide email dated 05.07.2021 to send the latest Construction/installation status of the machinery of the proposed project.

Accordingly, the project proponent has submitted online reply to the aforesaid additional details, a copy of which is attached as **Annexure-2** of the agenda. The construction status report has been sought from the Board vide email dated 05.07.2021, which will likely to be received before 12.07.2021.

2.0 Deliberations during 185th meeting of SEIAA held on 12.07.2021

The case was considered by SEIAA in its 185th meeting held on 12.07.2021 which was also attended by the following through video conference:

- (i) Sh. Jatin Tayal, Director and Sh. Mohan Tayal, Director on behalf of the promoter company.
- (ii) Sh. Sital Singh, EIA Coordinator and Sh. S.S. Matharu from M/s CPTL, Mohali.

SEIAA was apprised that concerned officer of the Regional Office-4, Ludhiana through whatsapp message dated 09.07.2021 informed that the industry was visited on 08.07.2021 and it was observed that no constructional activity regarding expansion of the industry was in progress at site. Further, Environmental Consultant informed that Punjab Pollution Control Board vide letter no. 10318-21 dated 30.04.2021 while sending the proceedings of public hearing conducted on 03.02.2021 reported that the project has not yet started any construction related to expansion in the premises.

Thereafter, Environmental Consultant of the promoter company presented the reply to the earlier raised observations as under:

Sr. No.	Observations	Reply																																																
1.	Detailed disposal arrangements for slag @28.11 TPD are required to be submitted.	Slag @ 28.11 TPD will be disposed of two M/s Jindal Sons after recovery of iron. Agreement in this regard was submitted.																																																
2.	Details of the CER activities to be included in the EMP are to be provided	<p>For CER activities, Rs. 10 lakhs will be spent. Revised EMP including CER activities was submitted as under:</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Title</th> <th>Capital Cost Rs. Lakh</th> <th>Recurring Cost Rs. Lakh</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Pollution Control during construction stage</td> <td>98.0</td> <td>5.0</td> </tr> <tr> <td>2.</td> <td>Air Pollution Control (Installation of APCD)</td> <td>12.0</td> <td>1.00</td> </tr> <tr> <td>3.</td> <td>Water Pollution Control/ STP up-gradation</td> <td>2.5</td> <td>0.6</td> </tr> <tr> <td>4.</td> <td>Noise Pollution Control</td> <td>1.0</td> <td>0.1</td> </tr> <tr> <td>5.</td> <td>Green belt Development</td> <td>7.5</td> <td>---</td> </tr> <tr> <td>6.</td> <td>Solid Waste Management</td> <td>5.0</td> <td>0.10</td> </tr> <tr> <td>7.</td> <td>Occupational Health, Safety and Risk Management</td> <td>10.0</td> <td>0.50</td> </tr> <tr> <td>8.</td> <td>RWH</td> <td>10.0</td> <td>0.50</td> </tr> <tr> <td>9.</td> <td>Miscellaneous</td> <td>4.0</td> <td>--</td> </tr> <tr> <td>10.</td> <td>Activities to be carried out under CER</td> <td>10.0</td> <td>--</td> </tr> <tr> <td></td> <td>Total</td> <td>₹162 Lakh</td> <td>₹7.8 Lakhs</td> </tr> </tbody> </table>	Sr. No.	Title	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakh	1	Pollution Control during construction stage	98.0	5.0	2.	Air Pollution Control (Installation of APCD)	12.0	1.00	3.	Water Pollution Control/ STP up-gradation	2.5	0.6	4.	Noise Pollution Control	1.0	0.1	5.	Green belt Development	7.5	---	6.	Solid Waste Management	5.0	0.10	7.	Occupational Health, Safety and Risk Management	10.0	0.50	8.	RWH	10.0	0.50	9.	Miscellaneous	4.0	--	10.	Activities to be carried out under CER	10.0	--		Total	₹162 Lakh	₹7.8 Lakhs
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3.	Revised plan for the development of green belt is to be submitted.	The proposed green belt in an area of 3810.10 m ² will be developed in phase wise manner. Total 571 trees need to be planted out of which 100 trees have already been planted and 471 will be planted in this monsoon season. Tree species like Shisham, Mango, Safeda, Kachnar, Bungania and False Ashok will be planted.
4.	Action taken report on the public hearing is to be submitted	Action taken report on public hearing was submitted.

A copy of the reply submitted by the project proponent was taken on record by the SEIAA.

During discussions, the representative of the promoter company agreed to fully comply with all the conditions as mentioned by SEAC.

The SEIAA observed that the case stands recommended by SEAC and the Committee has awarded 'Silver Grading' to the project proposal. The SEIAA looked into 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 manufacturing of 1,05,000 TPA of Alloys/Non Alloys Steel Billets/Ingots and 1,00,000 TPA of Structural Steel (Round, Coil, Flats, Wire Rod, TMT Bars) by upgrading existing Furnace of 10TPH, addition of one no. IF of capacity 15TPH, a Concast and a Rolling Mill having capacity 15TPH respectively at Village Bhagwanpura, Dehlon Road, Tehsil Ludhiana East, District Ludhiana, Punjab by M/s J.N. Tayal Steels Pvt. Ltd. as per the details mentioned in Form 2, EIA report & subsequent presentation /clarifications made by the project proponent his consultant with proposed measures, conditions as recommended by SEAC and additional, amended conditions as agreed by the project proponent as under:-

Additional Condition:

As volunteered by the project proponent, they shall undertake CER activities to the tune of Rs. 10 Lakhs in the next 2 years for which provision has been made in the Environmental Management Plan. The project proponent shall submit detailed plan of the CER activities with time schedule within two months to SEIAA Punjab.

Amended conditions no. (iii) of 'Environmental Management Plan'

- iii. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority. The year wise funds earmarked for environmental protection measures shall be kept in a separate account and will not be diverted for any other purpose. The project proponent shall spend a minimum amount of Rs 162 Lacs towards the capital cost and Rs 7.8 Lacs/annum towards recurring cost including the environmental monitoring cost for the implementation of EMP as proposed in following EMP plan:

Sr. No.	Title	Capital Cost Rs. Lakh	Recurring Cost Rs. Lakh
1	Pollution Control during construction stage	98.0	5.0
2.	Air Pollution Control (Installation of APCD)	12.0	1.00
3.	Water Pollution Control/ STP up-gradation	2.5	0.6
4.	Noise Pollution Control	1.0	0.1
5.	Green belt Development	7.5	---
6.	Solid Waste Management	5.0	0.10
7.	Occupational Health, Safety and Risk Management	10.0	0.50
8.	RWH	10.0	0.50
9.	Miscellaneous	4.0	--
10.	Activities to be carried out under CER	10.0	--
	Total	₹162 Lakh	₹7.8 Lakhs

Year-wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with submission of the Six-Monthly Compliance Report on the Parivesh Portal.

Item No. 185.10: Regarding monitoring of conditions imposed in the Environmental Clearance under EIA notification dated 14.09.2006 for developing a residential complex namely "Trishla city" in the revenue estate of Village Nabha Sahib, Tehsil Dera bassi, SAS Nagar, Punjab by M/s Trishla Buildtech Pvt. Ltd.

SEIAA observed as under:

MoEF&CC/Regional Office Chandigarh vide letter no. letter no. 5-433/2013-RO (NZ)/8 dated 04.01.2021 has sent the compliance report of the conditions imposed in the Environment Clearance granted to the subject cited project. A copy of the said compliance report is placed at Annexure-12 of agenda

The project site was visited on 24.12.2020 and the following observations were made:

- (i) Adequacy report of the installed STP certified by PPCB has not been submitted yet [Sp. Cond. (OP) No. (i)]. In the absence of proper cleaning schedule, RWH pits were found filled with standing water [Sp. Cond. (OP) No. (v)].
- (ii) PP has not submitted the details of overall hazardous waste generated from the projects and copy of the MoU with authorized recyclers approved by the PPCP along with the copy of the current year's returns (Form-4 and Form-13) [Sp. Cond. (OP) No. (vii)].
- (iii) PP has not submitted the details of green belt development (e.g., area covered no. of plants planted, species, expenditure etc.), AAQ and noise monitoring data since 2015 [Sp. Cond. (OP) Nos. (viii), (ix) & (x)].
- (iv) Solar panels have not been installed in the building and report on energy conservation measures related to building materials & technology has not been submitted yet [Sp. Cond. (OP) Nos. (xi) & (xiii)].
- (v) Environment Management Cell has not been formed and item wise and year wise EMP details were not provided by the PP [Sp. Cond. (OP) No. (xiv) and GC No. (iii)].
- (vi) Six monthly compliance reports are not being submitted to RO regularly and URL provided by the PP was not working [GC Nos. (iv), (xii) & (xiii)].
- (vii) PP has not submitted documents and expenditure details related with EMP & CSR [GC No. (xvi)]. Groundwater abstraction data [GC No. (xv)] and partial completion certificate have not been submitted yet.

1.0 Deliberations during 176th meeting of SEIAA held on 19.02.2021.

The case was considered by SEIAA in its 176th meeting held on 19.02.2021 and observed that Regional Office of MoEF&CC, Chandigarh during visit on 24.12.2020 made certain observations on the compliance of the conditions of Environmental Clearance granted to the project.

After deliberations, SEIAA decided to ask the project proponent to submit their detailed reply to all the observations made by the Regional Office of MoEF&CC, Chandigarh, within 30 days, failing

which suitable action including show cause notice for revocation of Environmental Clearance may be issued.

In compliance with the aforesaid decision, Project Proponent was asked vide letter no. 3627 dated 09.03.2021 to submit detailed reply to all the observations made by the Regional Office of MoEF&CC, Chandigarh.

Accordingly, the project proponent submitted the reply to the said observations, which is enclosed as Annexure-3 of the agenda for kind perusal please.

2.0 Deliberations during 185th meeting of SEIAA held on 12.07.2021

The case was considered by SEIAA in its 185th meeting held on 12.07.2021 which was also attended by the Sh. Rajendra Kumar on behalf of promoter company through video conference.

During the meeting, project proponent assured that all the conditions of Environmental Clearance shall be complied with. SEIAA perused the action taken report submitted by the Project proponent and it was observed that promoter company had now substantively complied with the observations made by the regional office of MoEF&CC vide letter dated 04.01.2021.

After deliberations, SEIAA decided to file the matter as no further action is required to be taken.