

**Proceedings of 160<sup>th</sup> meeting of State Environment Impact Assessment Authority held on 30.01.2020 at 11:00 AM in the Conference Hall-3, PSCST, MGSIPA Complex, Sector- 26, Chandigarh.**

The following were present:

- 1) Sh. Kuldip Singh, IFS (Retd.),  
Chairman, SEIAA
- 2) Sh. Charandeep Singh, PCS  
Member Secretary, SEIAA

At the outset, the Member Secretary, SEIAA welcomed the Chairman of the State Environment Impact Assessment Authority (SEIAA) in its 160<sup>th</sup> meeting.

**Item No. 160.01: Confirmation of the minutes of 159<sup>th</sup> meeting SEIAA held on 08.01.2020.**

SEIAA was apprised that the proceedings of 159<sup>th</sup> meeting of SEIAA held on 08.01.2020 were circulated vide email dated 21.01.2020 and the same were uploaded on Punjab State portal of MoEF&CC. No observation was received from any member of SEIAA. SEIAA noted the same and confirmed the said proceedings

**Item No. 160.02: Action on the proceedings of 158<sup>th</sup> meeting of SEIAA held on 23.12.2019 and 159<sup>th</sup> meeting of SEIAA held on 08.01.2020.**

SEIAA was apprised that action on the proceedings of 158<sup>th</sup> meeting of SEIAA held on 23.12.2019 and 159<sup>th</sup> meeting of SEIAA held on 08.01.2020, is being taken and action taken report will be placed in the next meeting. SEIAA noted the same and asked to place the same in the next meeting of SEIAA.

**Item No.160.03: Application for obtaining Environmental Clearance under EIA notification dated 14.09.2006 for developing a Medical College and Hospital namely "Chintpurni Medical College and Hospital" in the revenue estate of Village Bungal, Tehsil and District Pathankot by M/s Chintpurni Medical College and Hospital.**

SEIAA observed as under:

- M/s Chintpurni Medical College and Hospital had earlier applied for obtaining Environmental Clearance under EIA notification dated 14.09.2006 for the development of a Medical College and Hospital namely "Chintpurni Medical College and Hospital" in the revenue estate of the Village Bungal, Tehsil and District Pathankot on Form 1 and 1A and other documents. The project is covered under category B-2 with activity listed at 8 (a) in the Schedule appended to the said notification with total plot area is 25.66 acres in which construction has been made having built up area of 55000 Sqm.
- Due to violations by the project proponent, SEIAA had approved the legal action and requested the State Govt./Punjab Pollution Control Board for taking credible action and launch prosecution u/s 15/16 read with section 19 of Environment (Protection) Act, 1986 against the project proponent and the responsible persons.
- The application for obtaining environmental clearance is yet to be decided. The details and the background of the case are mentioned in the agenda note of 171st meeting of SEAC already circulated to the members of SEAC.
- The Members deliberated the agenda at length and observed that due to carrying out of substantial construction activities at site, without obtaining the Environmental Clearance under the EIA notification dated 14-09-2006, the SEIAA in its 47th meeting held on 15-05-2013 had approved the legal action for the violation and the State Govt. through the Deptt. of Science, Technology & Environment was requested to initiate credible action against the project proponent/responsible persons of the promoter company vide no. SEIAA/2013/22108 dated 23-05-2013. The State Govt. vide letter no. 3/53/2013/STE (4) 670 dated 25-06-2013 had further directed the Member Secretary, Punjab Pollution Control Board to take necessary action in the matter. However, compliance to the above direction for initiating credible action against the project proponent and its responsible person not received from the Punjab Pollution Control Board.
- The Member Secretary, Punjab Pollution Control Board was again requested vide letter no 2808 dated 15.05.2015 and 2349 dated 02.05.2016 to launch prosecution u/s 15, 16 read with section 19 of Environment (Protection) Act, 1986 against the project proponents and its responsible persons and intimate the same

to the SEIAA, Punjab, immediately. The Chairman, Punjab Pollution Control Board, Patiala was also requested vide DO no. 3125 dated 17.08.2016 to send the compliance report in the matter but no report has been received from PPCB till date.

- As the term for SEIAA & SEAC was to end on 05.05.2017, the status of pending cases was discussed in the 123rd meeting of SEIAA held on 04.05.2017 and as per the decision, the record file of the case was sent to the MoEF&CC, New Delhi on 05-05-2017 and the project proponent was requested vide letter no. 841 dated 05.05.2017 to approach the MoEF&CC, New Delhi for further action on the pending EC application. In compliance to the order dated 14.03.2018 passed by the Hon'ble Punjab & Haryana High Court, in the matter of CWP 21351 of 2016 titled as Janta Land Promoters Pvt. Ltd. Vs Union of India & other, MoEF&CC, New Delhi vide its letter No. 19-184/2017-IA-III(Pt.) dated 26.03.2018 has transferred the record file of the case back to the SEIAA, Punjab.
- Further, MoEF&CC had issued amended notification dated 08.03.2018 wherein the power to decide the violation cases of category 'B' project have been delegated to SEIAA & SEAC, which were earlier vested with MoEF&CC, New Delhi. The notification while laying down the procedure, the para (4) & (5) prescribes as under:-

(4) The cases of violations will be appraised by the Expert Appraisal Committee at the Central level or State or Union territory level Expert Appraisal Committee constituted under sub-section (3) of section 3 of the Environment (Protection) Act, 1986 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.

(5) In case, where the findings of the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee on point at subparagraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert

Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants, and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory duly notified under the Environment(Protection) Act, 1986, or an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of the Council of Scientific and Industrial Research institution working in the field of environment.

- The case was considered by the SEAC in its 166<sup>th</sup> meeting held on 24.05.2018, which was attended by Sh. Vikas Deep, Housekeeping in-charge on behalf of the project proponent. The SEAC observed that the representative of the Project Proponent authorized to attend the meeting is neither well conversant with the facts of the project nor is reasonably Senior Officer/Executive who can make any commitment on behalf of the project proponent. Therefore, the SEAC in compliance to the office memorandum dated 25.02.2010 of the MoEF &CC decided to defer the case and asked the project proponent to depute a person to attend the SEAC meeting who is sufficiently senior officer/executive & well conversant with facts of the project with proper authority to sign any document and make any commitment on behalf of project proponent.
- Accordingly, the project proponent was requested vide letter no 737 dated 12/06/2018 to depute a person to attend the 168<sup>th</sup> meeting of SEAC as and when scheduled who is sufficiently senior officer/executive & well conversant with facts of the project with proper authority to sign any document and make any commitment on behalf of project proponent.
- The case was placed in the agenda of the 168<sup>th</sup> meeting of SEAC held on 22.06.2018, but no one from the project proponent attended the said meeting. The project proponent has been requested vide letter no. 784 dated 13/07/2018 to attend the next meeting as and when scheduled.
- The case was again placed in the agenda of the 169<sup>th</sup> meeting of SEAC held on 20.07.2018. Again no one from the project proponent attended the said meeting.

The project proponent has been requested through email to attend the 170<sup>th</sup> meeting of SEAC to be held on 28.07.2018.

- The case was placed in the agenda of the 170<sup>th</sup> meeting of SEAC held on 28.07.2018 no one from the project proponent attended the said meeting. However, SEAC was apprised that an email has been received on 28.07.2018, wherein it has been informed that they are unable to attend the meeting due to earlier commitments and requested to consider their case in the SEAC meeting scheduled after 20.08.2018. The SEAC decided to accept the request of the project proponent and defer the case and to be placed in the SEAC meeting scheduled after 20.08.2018. In compliance to the aforesaid decision taken by SEAC, the project proponent has been requested vide email dated 15.09.2018 to attend the 171<sup>st</sup> meeting of SEAC to be held on 24.09.2018 to present the case in accordance with the provisions of MoEF&CC, New Delhi Notification dated 08.03.2018 so that further action in the matter can be taken.
- The case was placed in the agenda of the 171<sup>st</sup> meeting of SEAC held on 24.09.2018. But, no one attended the meeting on behalf of the project proponent.

The SEAC observed as under: -

1. The project is already under violation. However, the project proponent /promoters are not serious for the compliances and to present their case despite been given 4 opportunities in recent past i.e. in the 166<sup>th</sup> meeting, 168<sup>th</sup> meeting, 169<sup>th</sup> meeting and 170<sup>th</sup> meeting respectively.
2. MoEF&CC, New Delhi in order to operationalize the Notification Number S.O.1030 (E) dated 8th March, 2018, vide its Office Memorandum dated 15.03.2018 issued following direction among other directions for compliance with immediate effect:
  - i) The proposals received up to 13<sup>th</sup> September, 2017 on the Ministry's portal, shall be considered by the EAC or the SEAC/SEIAA in the respective States/UTs, as the case may be, in order of their submission.
  - ii) All the proposals of category 'B' projects/activities pertaining to different sectors, received within six months only i.e. up to 13<sup>th</sup> September, 2017 on the Ministry's portal, but yet not considered by the EAC in the Ministry, shall be transferred online to the SEAC/SEIAAs in the respective States/UTs.

- iii) All projects/activities of all sectors, shall be required to adhere to the directions of Hon'ble Madras High Court vide order dated 13<sup>th</sup> October, 2017 while upholding the Ministry's Notification dated 14<sup>th</sup> March, 2017
  - iv) All the projects of category 'B' pertaining to different sectors, although considered by the EAC in the Ministry and accorded ToR, shall be appraised for grant of EC by the SEAC/SEIAAs in the respective States/UTs.
  - v) All projects/activities of all sectors, shall be required to adhere to the directions of Hon'ble Madras High Court vide order dated 13<sup>th</sup> October, 2017 while upholding the Ministry's Notification dated 14<sup>th</sup> March, 2017.
3. MoEF&CC, New Delhi, in Compliance of the order dated 14th March, 2018 of Hon'ble High Court of Judicature at Madras in WIVIP Nos.3361 and 3362 of 2018, and WMP No.3721 of 2018 in WP No.11189 of 2017, vide it's another Office Memorandum dated 16.03.2018 issued following direction among other directions for compliance with immediate effect: -
- i) The project proponent, who have not submitted the proposals within six months window i.e. up to 13th September, 2017 in pursuance of this Ministry's Notification. S.O.804 (E) dated 14th March, 2017, are required to submit the proposals within 30 days, to the EAC for category A projects or the SEAC / SEIAA in the respective States/UTs for category B projects.
  - ii) The project proponent, who have submitted the proposals on the Ministry's portal after 13th September, 2017, are also required to submit the proposals afresh within 30 days, to the EAC for category A projects or the SEAC/SEIAA in the respective States/ UTs for category B projects.
  - iii) The projects/activities pertaining to all sectors, shall be considered as per the directions of Hon'ble High of Judicature at Madras vide Order dated 14th March, 2018 in WMP Nos.3361 and 3362 of2018, and WMP No.3721 of 2018 in WP No.11189 of 2017.
  - iv) The directions issued vide this Ministry's OM dated 15th March, 2018 shall continue to apply.
4. In light of the aforesaid directions issued vide OM dated 15.03.2018 and 16.03.2018, the SEAC noted that the project proponent has not completed its application in accordance with the provisions of Notification dated 08.03.2018

in the window opened for the violation cases by the schedule date as prescribed by the MoEF&CC, New Delhi.

5. Moreover, comments upon the affirmations of the site of the project proponent as per the para (4) of the MoEF&CC notification dated 08.03.2018 cannot be made due to the fact that project proponent has failed to present his case before SEAC in spite of giving number of opportunities to it. As such, the project proponent failed to prove that the site of the project is permissible under the prevailing laws. Therefore, the project proponent and the responsible persons are bound to be penalized under the provisions laid down under para 4 of the aforesaid notification.
6. The project proponent has not even submitted the compliance of the observations conveyed by the SEAC vide letter no. 20255 dated 06.05.2013 till date in case of his pending application.
7. Punjab Pollution Control Board has not sent the status of the credible action against the project proponent / responsible person as requested vide letter no 2808 dated 15.05.2015 and 2349 dated 02.05.2016 and vide DO no. 3125 dated 17.08.2016.

After detailed deliberations, the SEAC decided to recommend to SEIAA as under: -

- i) Chairman, Punjab Pollution Control Board may be again requested to intimate the status of the credible action taken against the project promoter / responsible persons of the promoter company as already directed by the SEIAA to the Member Secretary of the Board vide letter No. 2808 dated 15.05.2015 and 2349 dated 02.05.2016 and again requested to the Chairman of the Board through D.O. No. 3125 dated 17.08.2016.
- ii) Reject the application for obtaining environment clearance filed by the project proponent, which is pending since 2012, on account of continuous failure on the part of project proponent to complete the same, its failure to comply with the directions/OMs issued by the ministry from time to time and its continuous failure to present their case in the respective SEAC meetings despite several opportunities given.

- iii) Closure of the project with other actions under the law as per the provisions of EIA notification dated 08.03.2018 due to its failure to prove the affirmation/permmissibility of the site as required under provisions laid down in the para (4) of the MoEF&CC notification dated 08-03-2018.

The case was considered by the SEIAA in its 138<sup>th</sup> meeting held on 15.10.2018. But, no one attended the meeting on behalf of the project proponent. After detailed deliberations, SEIAA decide as under: -

- a) To accept the recommendation of SEAC as proposed at Sr. no (i) and write a DO to the Competent Authority of the PPCB as to why the case has not been filed by concerned Regional Office till date as already directed by the SEIAA to the Member Secretary of the Board vide letter No. 2808 dated 15.05.2015 and 2349 dated 02.05.2016 and again requested to the Chairman of the Board through D.O. No. 3125 dated 17.08.2016.
- b) To write a letter to Member Secretary, Punjab Pollution Control Board to send the present status of the project incorporating the details of the constructions carried out from the year 2012 till date and the status of consent to operate granted under Water Act,1974 and Air Act,1981 to the Chintpurni Medical College and Hospital.
- c) Before taking proposed action as recommended by the SEAC at Sr. no.(ii) & (iii), Show cause notice be issued to the project proponent with last opportunity to give the reply in writing within fifteen days from the issuance of said notice as well as attend the next meeting of SEIAA failing which it will be presumed that the promoter have nothing to say in the matter and proposed actions will be taken without affording any further opportunity / notice.

As decided by the SEIAA, the following actions were taken: -

- a) D.O. letter has been written to Chairman, Punjab Pollution Control Board vide No. 1469 dated 03.12.2018.
- b) Member Secretary of PPCB has been written vide letter No. 1468 dated 03.12.2018.
- c) Show cause notice has been issued vide letter No. 1469 dated 03.12.2018 to the project proponent with last opportunity to give the reply in writing



within fifteen days from the issuance of said notice as well as attend the next meeting of SEIAA.

No reply has been received from Chairman; Punjab Pollution Control Board as requested vide D.O. No. 1469 dated 03.12.2018. Also, no reply has been received from the project proponent as asked vide show cause notice No. 1469 dated 03.12.2018. However, reply from Member Secretary of PPCB has been received vide letter No. 23 dated 07.01.2019, wherein it has been mentioned that the institute has not obtained consent to operate under the Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 from the Board for operation of institute, till date. The PPCB has also sent a copy of the present status of the project on the prescribed performa as received from the Institute, which was annexed as annexure with the agenda.

The matter was considered by the SEIAA in its 142nd meeting held on 30.01.2019. But, no one attended the meeting on behalf of the project proponent. SEIAA was apprised that an email dated 30.01.2019 has been received from the project proponent on email id seacpb2017@yahoo.com wherein he has requested that due to busy schedules & distance involved, they are not able to reach in time to attend said meeting and has requested to give another date of meeting.

SEIAA was further apprised that in reference to Board's letter no. 1468 dated 03.12.2018, Environmental Engineer, Punjab Pollution Control Board, Regional Office, Batala has informed as under:-

- a) Vide email dated 30.01.2019, he has mentioned that complaint case has been filed by their office against the institute M/s Chintpurni Medical College & Hospital, Village-Bungal, Pathankot in the Hon'ble Court of Chief Judicial Magistrate, Pathankot on 11/01/2019 and next date in the complaint case has been fixed on 13/02/2019.
- b) Vide letter no. 23 dated 07.01.2019, he has sent the performa filled by the institute w.r.t present status of the project. As per the details, the institute has started the construction of Medical College, Hospital & Nursing College in the year 2010 and completed the same in the year 2012. The total land area is 25 acres having built up area of 4 lac sqft. Further, the Medical college &

Hospital is lying closed at present. No investment has been made in the project from the year 2012 onwards.

SEIAA observed that the project proponent has not submitted the reply to the show cause notice issued vide no. 1469 dated 03.12.2018 till date.

After deliberations, SEIAA decided that show cause notice be issued to the project proponent with last opportunity to appear in person alongwith the reply in the next meeting of SEIAA and it be made clear that in case of non-submission of any written satisfactory reply and not attending the meeting, it will be presumed that project proponent has nothing to say in the matter and proposed action will be taken without giving any further notice /opportunity.

In compliance, show cause notice has been issued vide letter No. 249 dated 15.02.2019 to the project proponent with last opportunity to give the reply in writing within fifteen days from the issuance of said notice as well as attend the next meeting of SEIAA.

The matter was considered by the SEIAA in its 146<sup>th</sup> meeting held on 16.04.2019. But, no one has attended the meeting on behalf of the project proponent. SEIAA was apprised that the project proponent was informed telephonically to attend the 146<sup>th</sup> meeting of SEIAA alongwith reply a week before. However, he has not conveyed any message regarding his inability to attend the said meeting.

After detailed deliberations, SEIAA decided that project proponent be informed the schedule of next meeting of SEIAA with a direction to attend the meeting of SEIAA along with reply to show cause notice, through registered post failing which proposed action in the matter will be taken.

In compliance to the above said decisions, the project proponent was requested vide letter no. 416 dated 06/05/2019 to remain present alongwith reply to the show cause notice in the 148<sup>th</sup> meeting of SEIAA to be held on 26/06/2019. But, the said letter has been received undelivered with the remarks that no one was available in the college.

The matter was considered by SEIAA in its 151<sup>st</sup> meeting held on 05.08.2019 and it was apprised to SEIAA that an email was sent to

salaria@whitehotels.in, societycmchinfo@gmail.com; info@cmch.in to inform the project promotor of the college to the effect that their case has been again placed in the 151<sup>st</sup> meeting of SEIAA to be held on 05.08.2019 with a request to attend the said meeting at 10:30 AM onwards in Committee Hall of Regional Office, PPCB, Mohali and present the case in accordance with the provisions of MoEF&CC, New Delhi Notification dated 08.03.2018 failing which SEIAA will take necessary action in the matter failing which SEIAA will take necessary action in the matter..

In response, a telephonic message was received from Mr. Swaran Salaria (98927-22222) on 05.08.2016 and it was informed that since, the matter is pending with the Hon'ble Supreme Court and no sooner, he receives the order. He requested to hold the matter and defer the case to the next meeting of SEIAA.

After detailed deliberations, SEIAA decided to defer the case and placed in the next meeting of SEIAA as and when scheduled. Further, the project proponent be informed the schedule of next meeting of SEIAA through telephonically (98927-22222) and email ID [salaria@whitehotels.in](mailto:salaria@whitehotels.in) and directed to attend the meeting of SEIAA along with reply to show cause notice, failing which proposed action mentioned in the notice will be taken.

The project proponent has been again requested vide this office letter no 424 dated 28.01.2020 to appear in 160<sup>th</sup> meeting of SEIAA to be held on 30.01.2020 in Conference Hall-3, PSCST, MGSIPA Complex, Sector 26, Chandigarh,

The matter was considered by the SEIAA in its 160<sup>th</sup> meeting held on 30.01.2020, which was attended by Sh. Surinder Kumar, Liasion officer of the project proponent. He submitted authority letter issued by the Secretary, Chintpurni School Educational Society, Pathankot, which was taken on record by SEIAA. He also submitted the reply to show cause notice vide letter ref no CSES/Sec/2020/1 dated 29.01.2020 in reference to SEIAA letter no SEIAA/MS/2020/1424 dated 28.01.2020 to the effect that management is in process to hire an environmental consultant and requested that one month time be given for further hearing.

SEIAA observed that the reply submitted by the project proponent is not satisfactory and it was felt that the project proponent was not willing to pursue his case.

SEIAA also observed that as per MoEF, GoI OM dated 30.10.2012 all projects where additional information desired has not been submitted even after 6 months of the Expert Appraisal Committee (EAC) meeting should be delisted from the list of pending projects.

After detail deliberations, SEIAA decided to reject the request of the project proponent regarding giving one month time for further hearing, the case be delisted in light of OM dated 30.10.2012 as the project proponent failed to present his case before SEIAA & submit the complete application in accordance with the provisions of Notification dated 08.03.2018 and the project proponent be informed accordingly.

**Item No. 160.04 : Representation regarding Environmental Clearance issued to CETP, Jalandhar received from Sh. Varun Gupta, The Jalandhar Human Welfare Society (Regd.), E-44/1, Focal Point Extension, Jalandhar and representation of the same received from the Executive Member, Office of Monitoring Committee at Chandigarh constituted by Hon'ble NGT, New Delhi.**

SEIAA observed that

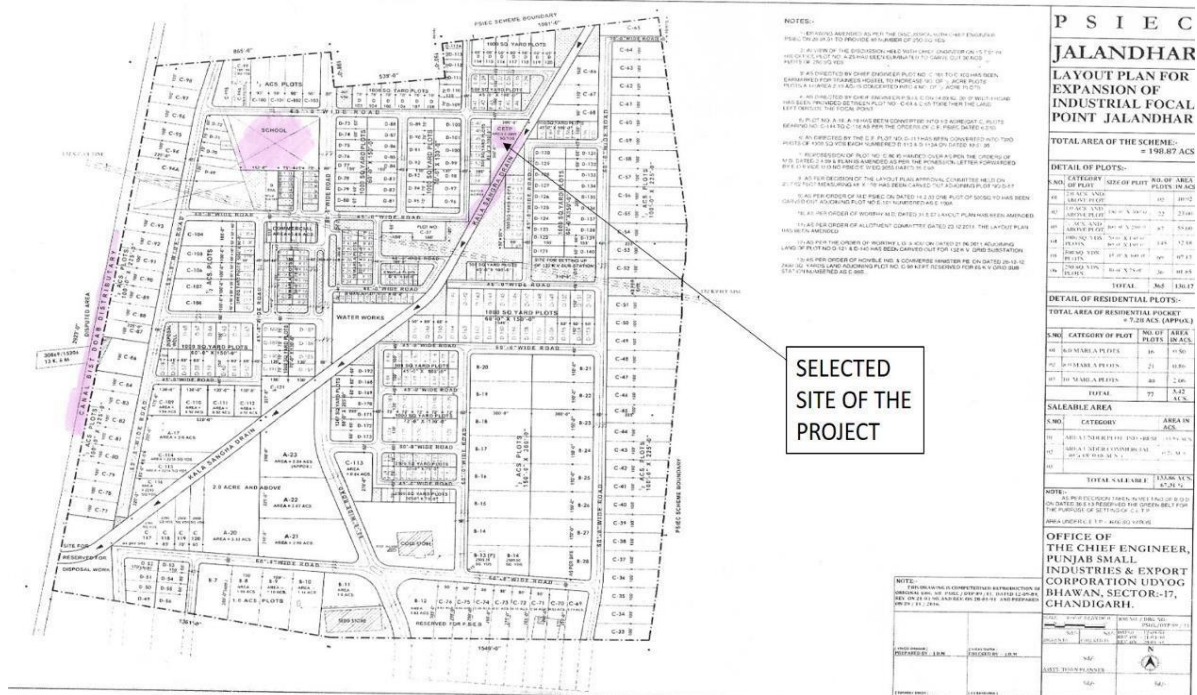
### **Background**

Sh. Varun Gupta from The Jalandhar Human Welfare Society (Regd.), E- 44/1, Focal Point Extension, Jalandhar vide email dated 30.04.2019, has sent a copy of complaint along with a copy of map in the matter of Environmental Clearance issued to CETP, Jalandhar on mail id [seac\\_pb@yahoo.com](mailto:seac_pb@yahoo.com). In the said mail, it has been mentioned that Project proponent of CETP has given the wrong information and wrong facts for obtaining environmental clearance. It has been requested to cancel the plot for CETP plant and review the situation. The contents of the complaint letter are reproduced as under:-

“It is submitted that the Common Effluent Treatment Plant (CETP) project was cleared by State Level Environment Impact Assessment Committee (SEIAA) in its 120<sup>th</sup> meeting held on 16-03-2017 vide item # 21 with certain conditions. It is brought to your kind notice that the above noted clearance needs to be cancelled for not want of fulfilling some essential conditions mention in the

environment impact assessment and report for Common Effluent Treatment Plant (CETP) at Industrial Focal Point (Extn.) Jalandhar. The description of the violated conditions is as follows:

1. That the location of the land sanctioned for constructing CETP is opposite to Plot No. E-41 to E-46 on the backside of Plot No. E-47 to E- 54 and situates on the bank of Kala Sanghian Drain in the Industrial Point-Extension, Jalandhar. Further, there are great chances that the function of CETP will pollute the said drain by discharging their treated/untreated water into it and the waste/effluent extracted from the plant will be released in the drain which violates the essential condition that such CETP cannot be constructed and functioned within the radius of 5 km of any water body. It is specifically provided under S.N. 32 of terms of reference of Environment Impact Assessment Report it has been specifically provided that "if any incompatible land- use attributes fall within the a 5 km radius of the project boundary, proponent shall describe the sensitivity (distance, area and significance) and propose the additional points based on significance for review and acceptance by the SEAC. incompatible land use attributes include: public water supply areas from rivers/surface water bodies, from groundwater-Scenic areas/tourism areas/hills resorts; religious places, pilgrim centre's that attracts over 10 lakh pilgrims a year." Further the detail of essential public places is given below, which were left out in the EIA report or kept hiding.



### 1.1 Description as per Map attached:

S.N.	Description as per Map	Remarks
1.	At 300m from the site of the project	A government school, a water works, Jalandhar School, Kala Sangiyaan drain.
2.	At 450m from the site of the project	Village gadaipur with a playground, Bist Doab Canal Distributory
3	At 950km from the site of the project	An ESI Hospital, Oriental Bank and ICICI Bank Building
4	At 1.8km from the site of the project	Village Randhawa Masandan and village Lohia and Allahabad Bank Building
5	At 2.00km from the site of the project	Gurudwara Raowali, Gurudwara Nurpur , Village Nurpur, Village Reru, Bachint Nagar, Ramneek Avenue, DADA Hospital, Kapoor Hospitals for children and bone specialist, HP Ortonova, Capitol Hospital, Shirmann Multispeciality Hospital, Janta Hospital, Bal Hospital, Crayons Pre School
6	At 2.3km from the site of the project	Mandir Shri Siddh Baba Sodal, DAV College Playground, Sacred Heart Hospital, Village Lidhran, Tagore Hospital and Heart care centre, Friends colony, DAC College, KMV COLLEGE, doaba College, CT Public school, CJS Public School
7	At 2.4km from the site of the project	Gurdev Nagar, Kabir Nagar, Dayanand Nagar, DAV playground, Bhagat Singh colony, Police station Division-1, Kalia colony
8	At 2.6km from the site of the project	Burlton Park, Saalempur, Gupta Colony
9	At 2.7km from the site of the project	Shri Devi Talab Mandir, Shiv Mandir
10	At 2.8from the site of the project	Lambapind, Kishanpura, Santokhpura, Nurpur, BPCL Depot, HPCL Depot
11	At 3.1km from the site of the project	Dhan Mohalla, Aman Nagar, Defence Installation Suranussi

2. This land has been converted to industrial plot from a park which is essential part of public life and useful for public benefit. Hence, there was no need to convert a park into an industrial plot. Further it is to mention that a wrong information seems to have been given at S.N. 2, (2.1) of Form-1 for the clearance of the

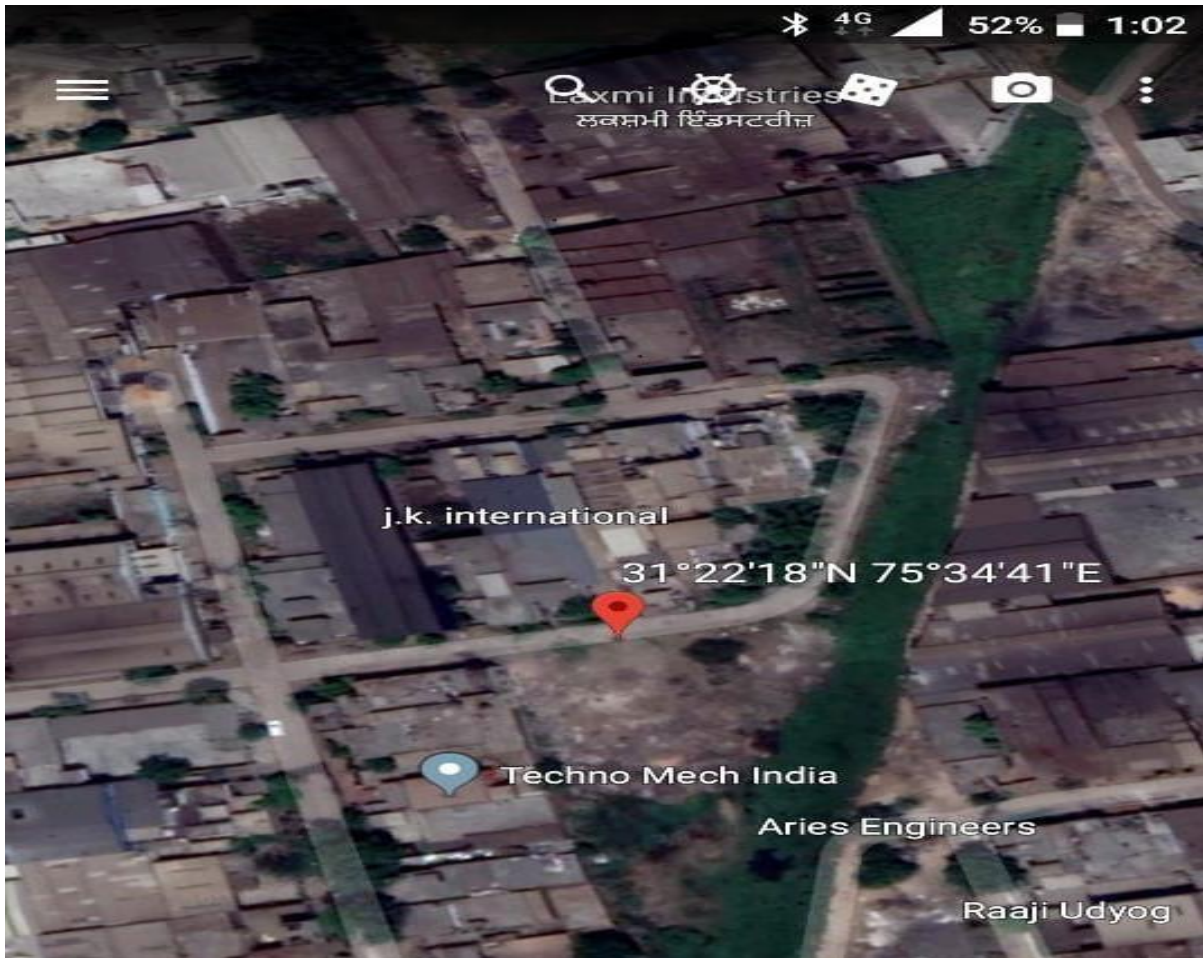
project. This was not a vacant plot. It was a park for public and workers.

3. That the understanding of water quality is important in the preparation of environmental impact assessment of CETP; with this regard there is need to identify the critical issues of water quality which includes the understanding of baseline characteristics, evaluation the extent of leaching to ground water, the identification of water polluting sources and the prediction the impact on water quality. No such importance was paid at the time of sanctioning the present project as provided under chapter 3, S.N. 3.3 of environment impact assessment report.
4. That the impact on the population around the CETP is required to be studied to examine the socio-economic conditions of the population such as daily workers and their working environment and living conditions and the same is highlighted in the environment impact assessment report under chapter 3, S.N. 3.7 of environment impact assessment report but no attention was paid to fulfil the same.
5. A map with Latitude and Longitude of the selected site of the project as approved by SEIAA is shown below:



It is worthwhile to add here that the project proponent has started the construction of the CETP and, that too, at the other site for which SEIAA has not given its approval. A map with Latitude and Longitude of the site where the construction of the project, not as per the approval of SEIAA has been started, is shown below:





6. That you are requested to look after this matter as it is very crucial. The main water tanks are also lying beside this plant and the water received from those tanks will also contaminate and have full chances of blood cancer, lung cancer, skin diseases and even skin cancer. There is also a chance of heavy explosion as they have to burn almost 10 mt of biomass fuel (coal, rice husk, wood and straw) which causes pollution to environment.
7. As per the latest report submitted by the health department to Central Pollution Control Board various diseases like skin problems, Eyes Infections, Cancer, Asthmatic problems and various other are persists to the people currently living near to the proposed site. It is to make you to notice that these problems are having great chances to increase to their maximum amongst people.

Therefore, keeping in view the abovementioned submissions it is requested to your good self that the matter may be considered keeping in view of the above facts, nature of the treatment plant and fearful aspersions and another site may be selected away from the water body viz. River/Canal/ Nallah /Drain etc. and other things like population gravity; religious places; educational and health care institutions etc. for



the installation of CETP for electroplating Units of Jalandhar City.

It is also mentioned here that a copy of the same complaint signed by Sh. Manish Gupta, President, Jalandhar, Human Welfare Society addressed to Hon'ble Justice Pritam Pal (Retd.), Chairman, Executive Committee NGT, Forest Bhawan, Sector 68, Mohali, Punjab, has been forwarded by Dr. Babu Ram, Member, Executive Committee, Office of the Monitoring Committee (constituted by Hon'ble NGT) vide no. CEC/2019/84 dated 03.05.2019 to the Principal Secretary, Department of Science, Technology and Environment, Govt. of Punjab which in turn has been received in the office of Directorate of Environment & Climate Change on 14.05.2019. The contents of the forwarded letter are reproduced as under:

"It is submitted that the complainant has made a submission regarding setting up of CETP for electroplating industries of Jalandhar area at any other site which is away from water body viz River/ canal/ Nallah/ drain etc and other things like population gravity: religious places: educational and health care institutions etc for the installation of CETP for electroplating units of Jalandhar City.

As per representation / complaint, the present location of proposed CETP is opposite to Plot no. E-14 to E-46 and on the back side of Plot no. E-47 to E-54, which is on the bank of Kala Sanghian Drain that there are great chances that the function of CETP will pollute the said drain by discharging their treated /untreated waste into it. It has been mentioned in the complaint that CETP project has been cleared by SEIAA in its 120<sup>th</sup> meeting held on 16.03.2017 vide item no.21 with certain conditions, whereas these conditions are not being fulfilled.

The complainant has requested that the site of CETP for electroplating industries may be selected away from the water bodies. The complaint in original alongwith other documents like Executive Summary and EIA study of CETP project sent by the complainant have been attached with the complaint.

It is requested that the concerned Department may be directed to take suitable action on the representation/ complaint under intimation to the Complainant and their Office."

The matter was considered by SEIAA in its 148<sup>th</sup> meeting held on 26.06.2019. SEIAA observed that the environmental clearance has been issued by SEIAA vide no. 344 dated 24.04.2017 to M/s Jalandhar Effluent Treatment Society, A-4, Focal Point, Jalandhar for construction of Common Effluent Treatment Plant at Industrial Focal Point (Extn.), Jalandhar so as to treat 150 KLD of process effluent generated mainly from the electroplating industries of Jalandhar and surrounding areas. Complainant has requested to consider the matter of installation of aforesaid CETP at another site away from the water body viz. River/Canal/ Nallah /Drain etc. and other things like population gravity; religious places; educational and health care institutions etc. As such, SEIAA opined that before taking any action in the matter, the complainant and the Society be given an opportunity to present actual facts before it.

After detailed deliberations, SEIAA decided that Complainant i.e. Sh. Manish Gupta, President, Jalandhar, Human Welfare Society and the project proponent i.e. Director / President of M/s Jalandhar Effluent Treatment Society be asked to attend the next meeting of SEIAA as and when scheduled so that further action in the matter can be taken.

Accordingly, Sh. Manish Gupta, President, Jalandhar, Human Welfare Society and The Chief Executive Officer, M/s Jalandhar Effluent Treatment Society were asked to attend the next<sup>t</sup> meeting of SEIAA, as and when scheduled vide this office letter no. 522-523 dated 09/07/2019.

### **Recent Progress in the matter**

Now, Jalandhar Effluent Treatment Society for Electroplating Industries submitted reply vide letter dated 22.08.2019, in which, it has been submitted that the site of the CETP falls in the designated industrial area. The reply is placed as annexure-1 for kind perusal please.

It is also brought to the kind notice of SEIAA that same complaint has been received by Govt. Reference no. 1570039/1 dated 10/09/2019, made by Sh. Varun Aggarwal, N D 38 Bikram Pura, Jalandhar (Punjab).

Also, a legal notice has been received from Mr. R.S.Bajaj, Advocate, Punjab & Haryana High Court on behalf of Sh. Naveen Gupta, Chairman, Jalandhar Human

Welfare Society (JHWS) to cancel the environmental clearance granted to the project proponent namely Jalandhar Effluent Treatment Society (JETS).

SEIAA in its 154<sup>th</sup> meeting considered the legal notice, reply and the new complaint. After perusal, SEIAA decided that both the complainant & the project proponent be asked to attend the next meeting of SEIAA, as and when held, to present the facts of the matter.

Accordingly, the representative from the Jalandhar Human Welfare Society and from the Jalandhar Effluent Treatment Society has been requested to attend 160<sup>th</sup> meeting of SEIAA.

It is brought to the kind notice of SEIAA that in the matter of CWP No. 1483 of 2020 titled as the Jalandhar Human Welfare Society Versus State of Punjab, a communication has been received from Sh. Suveer Sheokand, Addl. Advocate General Pb., vide endst no. 2452 dated 22.01.2020.

The said letter has been addressed to Additional Chief Secretary to Govt. of Punjab, Department of Industries and the contents of the same are reproduced as under:

"That the above mentioned case came up for hearing on 20.01.2020 at Serial No. 123 before Hon'ble 6<sup>th</sup> DB comprising of Hon'ble Mr. Justice Rajan Guota & Karamjit Singh and same stands adjourned for 29.01.2020.

The petitioner has filed the present writ petition for issuance of a writ in the nature of certiorari quashing the decision taken by the Board of Director in its meeting held on 30.05.2013, whereby it was decided to de-reserve land measuring 4600 sq.yards and maintained as green belt in Industrial Area, Focal Point(Extension) Jalandhar and allot the same to respondent No.7 i.e.(Chief Executive Officer, Jalandhar Effluent Treatment Society for Electroplating Industries.

Further prayer is sought for quashing lease deed dated 16.06.2014 entered into between respondent No.3 & 7. The contention of the petitioner is that as per section 70 of the Regional & Town Planning and Development Act, 1995, the Department has no power to change the master plan without approval of the State Government. The petitioner has also brought to the notice of the Hon'ble Court that now JETS is making a CETP on the said

land which is earmarked and maintained as green belt.

After hearing the matter, the Hon'ble Court has issued notice of motion and has also ordered status qua as on date.

You are, therefore, requested to kindly depute some facts knowing official well versed with the facts of the case and also file the reply, as only 1 copy of petition provided to the State, therefore, you are, requested to get the same collected from the office of the Advocate General, Punjab and file reply before the next date of hearing. As notice of motion issued for 29.01.2020. you are requested to get the copy collected at the earliest so that the reply can be filed well within time.

Being a Court case. treat it as most urgent."

The case was considered by SEIAA held on in its 160<sup>th</sup> meeting held on 30.01.2020. which was attended by the followings :-

- i) Sh. Gursharan Singh President, Ashwani Kumar Secretary, Ataljit Singh from the Jalandhar Effluent Treatment Society (JETS) for Electroplating Industries Regd.
- ii) Sh. Joginder Singh G.M, Sh. Parshant Garg Scientist from JBR Technologies Ltd. Ludhiana.

The complainant did not attend the meeting.

Jalandhar Effluent Treatment Society (JETS) vide letter dated 29/01/2020 submitted reply in refernces to the SEIAA letter no. 1422 dt. 27.01.2020, He submitted that CETP land is situated in the designated industrial area. Hence installation of any industry/CETP etc. does not require any issue relating to Population, religious Place, educational and health care institutions etc. Moreover, public hearing is not required as CETP is being set up in designated industrial area. As such, the objection raised by Jalndhar Human Welfare Society is baseless and without any evidence. The complaintant (JHWS) members were using the land for dumping of their waste but after issue of the same in the name of JETS, the purpose of JHWS was defeated and they got annoyed due to loosing of their free facility. The said letter was taken on record by SEIAA.

To a query of SEIAA regarding the difference in the coordinates mentioned in the application form and actual cordianate, it was submitted by the JETS that the complainant (JHWS) in the application to the High Court has mentioned the difference of the latitude and longitude as: "North 31° 2211" 31° 2218" = 7 seconds only. For east 75° 34'39" 75° 34'41" = 2 seconds only. As such, there is difference

of 7" N and 2" E, which is very little because this can be due to measurement of co-ordinates by different instruments can have variations in their results. Moreover, the square of 4600 sq yards is having about 62meters sides which is about 2-3 times the side of the grid with 1' longitude and 1' latitude i.e. more than 2" of 1 side. Hence , the plot in question is the same and non else. Thus, this objection is clearly baseless, unauthenticated and unlawful, which is just to jeopard the issue. It was also informed that there is only one site in the area where CETP has been proposed to set up.

SEIAA was also apprised that the Jalandhar Human Welfare Society (Petitioner) vide email dated 29.01.2020 informed that the case is sub-judice before the Hon'ble High Court as they had filed CWP No 1483 of 2020 titled as Jalandhar Human Welfare Society Vs State of Punjab. In this regard, a telephonically message has also been received from Sh. Suveer Sheokand, Additional Advocate General, Punjab. In the said CWP, Petitioner prayed before the Hon'ble Court as under:-

- a. Issue a writ, order or direction in the nature of Certiorari quashing the decision taken by the Board of Directors of respondent corporation in its meeting held on 30.05.2013 whereby it was decided to de-reserve land measuring 4600 sq. yards earmarked and maintained as green belt located opposite to Plot No. E-41 to E-46 and on backside of Plots No. E-47 to E-54, Industrial Area, Focal Point (Extension) Jalandhar and allot the same to respondent No. 7 ;
- b. issue a writ order or direction in the nature of Certiorari quashing lease deed dated 16.06.2014 entered into between respondent No.3 and respondent No.7, whereby above referred plot of green-belt has been leased out to respondent No. 7 for setting up of Common Effluent Treatment Plant (CETP);
- c. issue a writ, order or direction in the nature of Mandamus directing the respondents to maintain the above referred plot as green belt only as originally provided in the masterplan;
- d. issue any other order or direction as deemed just and fit in the peculiar facts and circumstances of the present case;
- e. service of advance notices on the respondents may kindly be dispensed with;
- f. filing of certified/ true typed copies of the Annexures may kindly be exempted with and filing of true typed / photocopies thereof may kindly be allowed;
- g. filling of more legible copies of vernacular of the Annexures may kindly be exempted and the petitioner may kindly be permitted to place on record true

translated extract copies of the Annexures.

- h. exemption be granted from filling detailed affidavit of the petitioner;
- i. cost of the writ petition may be awarded in favour of the petitioner.
- j. during the pendency of the present petition, respondents may kindly be restrained from establishing CETP Plant in the greenbelt in dispute.

SEIAA observed that the case was heard by the Hon'ble High Court on 20.01.2020 and after hearing the matter, the court has issued notice of motion and has also ordered status qua as on date.

After detailed deliberations, SEIAA decided as under:-

- i) Directorate of Environment & Climate Change be requested to engage advocate on behalf of SEIAA to defend the matter in the Hon'ble High Court.
- ii) Reply in the CWP No 1483 of 2020 titled Jalandhar Human Welfare Society Vs State of Punjab be prepared and sent to Counsel engaged in the case for seeking any further additions / suggestions. As and when draft reply, is received from the counsel, the same may be placed in the meeting of SEIAA for perusal/consideration, for filing the final reply in the Hon'ble High Court.

**Item No. 160.05 Application for Environmental Clearance under EIA notification dated 14.09.2006 for the establishment of warehouse located at Plot Nos. B-3 to B-8 and A-4, Focal Point, Ludhiana by M/s Nahar Industrial Enterprises Ltd. (Proposal No. SIA/PB/MIS/108792/ 2019).**

SEIAA observed that:

The project proponent has filed an application for obtaining Environment Clearance under EIA notification, 2006 for establishment of a warehouse at Plot Nos. B-3 to B-8 and A-4, Focal Point, Ludhiana. The project proponent submitted Form 1, Form 1A and other relevant documents.

The project proponent was raised EDS online on 18.09.2019 and the reply given by the project proponent is as under:

<b>Sr. No.</b>	<b>Observations</b>	<b>EDS Reply</b>
1.	EC processing fee is required to be paid @ Rs. 2/ sq.m of the built up area. (DD No. & date) For B1 projects : At the time of TOR 25% and at the time of EC 75% For B2 project At the time of time of EC 100%	Processing fees for Environmental Clearance application @ Rs. 2 / sq.m i.e. Total built up area x Rs. 2 sq.m = Rs. 1,24,568.14 i.e. approx. Rs. 1,24,570/- has been submitted through RTGS vide UTR No. SBIN41926655995 dated 23.09.2019.
2.	Whether the project falls in the critical polluted area notified by MoEF&CC	The project falls in Ludhiana which has been notified as critically polluted by MOEF&CC. But, the moratorium has been uplifted vide F.No. J-11013- 5/2010-IA.II(I) dated 15.02.2011. Copy of office memorandum has been submitted. Further as per Office Memorandum F.No. J-11013- 5/2010-IA.II(I) dated 24.05.2011; General conditions are not applicable on Construction projects. Copy of OM is enclosed

The project proponent was raised EDS online on 09.10.2019 and the reply given by the project proponent is as under:

<b>S.No.</b>	<b>Observations</b>	<b>EDS Reply</b>
1.	In Form 1 and Drawing 4, the built up area is 62,684.07 sq.m. But in Form 1A the same is mentioned as 66,284.07 sq.m. Please clarify.	Built-up area for the proposed project is 62,684.07 sq.m. However, due to typographical error wrong built-up area was inadvertently mentioned in Form IA. The same has been corrected now.
2.	Existing built-up area is not submitted.	As such, there is no existing building at the site. However, there are some existing structures of Punjab Concast Steels Ltd. that needs to be demolished and the same is reflected in contour plan.
3.	As per letter dated 15.10.2012 at annexure 1(b), new lease deed has been made after 30.09.2019, but the same has not been attached.	As per letter dated 15.10.2012 at Annexure 1(b), reference of letter dated 30.09.2012 is there in place of letter dated 30.09.2019. A copy of letter dated 30.09.2012 has been submitted.

4.	As per photographs submitted by the project proponent in Annexure-12, it has been observed that a significant level of construction is going on.	As mentioned in point no. 2; there are some existing structures of Punjab Concast Steels Ltd. which needs to be demolished and the same is reflected in contour plan in an area of 25.57 acres of project. Copy of contour plan has been submitted
5.	<p>After pursuing the application submitted by the project proponent, it is observed that the total land area with NIEL is 44.10 acres. Out of this, land of 10.04 acres has been leased to M/s Cotton County Retail Limited which is already existing project.</p> <p>You are also constructing a warehouse in a land of 8.49 acres for M/s Instakart Services Pvt. Ltd. Since, the land is owned by the same promoter company i.e. M/s NIEL and the construction activity is going on at the site for warehousing project by the same project proponent and the promoter company is also applying for obtaining Environmental Clearance for the same component i.e. warehouse project for 25.57 acres only, separately, not as a consolidated project of land area of 34.85 acres, it seems to be a violation of Environmental Clearance project. Whether any building plan has been got approved for construction activity which is going on at the site before carrying out construction activity. Please submit approved building plan of the area for which construction activity is going on, which should be approved from the competent authority before the date of application of Environmental Clearance for the project of 25.57 acres.</p>	<p>Total land area of 44.10 acres is divided into:</p> <p>a) 10.04 acres has been leased to M/s Cotton County Retail Limited which is already an existing project for which Consent to Operate (Air &amp; Water) has been granted by PPCB. Copy of CTO has been submitted. Copy of approved drawing has also been submitted.</p> <p>b) 8.49 acres of land for which Consent to Establish has already been obtained from PPCB for garments industry by NEIL; copy of CTE dated 24.04.2019 has been submitted. Later on, same was leased to M/s Instakart Services Pvt. Ltd. vide dated 23.05.2019; copy of lease deed has been submitted. Copy of approved drawing has been submitted.</p> <p>c) Later on, planning was made for 25.57 acres for which application has been submitted for Environmental clearance.</p> <p>Thus, both (b) &amp; (c) are separate projects and owned by different developers i.e. M/s Instakart Services Pvt. Ltd. and M/s Nahar Industrial Enterprises Ltd. Thus, proposed warehouse project in an area of 25.57 acres of land should not be considered under violation case. Further, layout has not been approved by competent authority.</p>

Environmental Engineer, PPCB, RO-1, Ludhiana was requested vide email dated 31.10.2019 to send the construction status of the project site.



Environmental Engineer, PPCB, RO-1, Ludhiana vide letter no 2841 dated 01.11.2019 has intimated that the subject cited site was visited by the officer of this office on 17.10.2019 & construction status of site & physical structure within 500 mtr including the status of industry is as under:

1. There are Industries all around the site within 500 m of site which are all in Designated Industrial, Focal Point developed by PSIEC.
2. Also, adjoining to the site, there is a warehouse of Flipkart & garment manufacturing unit i.e. M/s Nahar Industrial Enterprises Ltd. (Garment Unit) Leased to Cotton County Retails Ltd., Phase-4, Focal Point, Ludhiana.
3. There are some illegal residences adjacent to the boundary wall of site.
4. Also, there are following major type of industries/ physical structures.
  - i. M/s Vardhman Special Steels Ltd, C 58, industrial Focal Point, Phase-3, Ludhiana, which is a 17 category large scale (NC Furnace) red category unit within the 500 mtrs of proposed site.
  - ii. M/s United Breweries Ltd., C-60, Phase 3, Focal Point, Ludhiana, which is a large scale red category unit within 500 mtrs of proposed Site.
  - iii. M/s Rockman Cycle Industries Ltd (Auto Division), A-7, Phase-5, Focal Point, Ludhiana, which is a large scale red category unit within 500 mtrs of proposed site.
  - iv. M/s Upper India Steel Manufacturing & Engineering Company Ltd., Phase 3, Dhandari Industrial Focal Point, Ludhiana, which is a 17 category (Arc Furnace) large scale red category unit within 500 mtrs of proposed site.
  - v. There is PSPCL Office within 500 mtrs of proposed site.
  - vi. There is Railway Line within 500 mtrs of proposed site.

No Construction has been started at the project site yet. The general guidelines are applicable to the project & the project is meeting with the general siting guidelines.

The case was considered in 185th meeting of SEAC held on 29.11.2019, which was attended by the following on behalf of the project proponent:

- (i) Sh.Suman Kumar, VP (Purchase and projects) of the promoter company.
- (ii) Sh. Sandeep garg, Environmental Consultant, M/s Eco Laboratories and Consultants pvt. Ltd.

SEAC allowed the project proponent to present the salient features of the project.

The project proponent and the Environment consultant of the promoter company presented the same as under:

- ❖ M/s Nahar Industrial Enterprises Ltd. has been allotted Industrial plots i.e. Plot Nos. B-3 to B-8 and A-4 at Focal Point, Ludhiana, Punjab measuring 44.10 acres by Greater Ludhiana Area Development Authority (GLADA) vide Letter No. A/Glada/Ludhiana/2015/2056 dated 29.04.2015.
- ❖ Originally, this land was owned by Punjab Con-cast Steels Ltd. (PCSL) which was incorporated on 27<sup>th</sup> June, 1970. The name of the company was changed from Punjab Con-cast Steels Ltd. to Nahar International Ltd. (NINL) and a fresh certificate of Incorporation consequent on change of name of Company was issued by the Registrar of Companies, Punjab, H.P. and Chandigarh on 6<sup>th</sup> October, 1994.
- ❖ Later, Nahar International Ltd. (NINL) was amalgamated with Nahar Industrial Enterprises Ltd. (NIEL) vide order dated 4.3.2005 passed by the Hon'ble Punjab & Haryana High Court at Chandigarh.
- ❖ Out of the total area of project 44.10 acres, 10.04 acres has been leased to M/s Cotton County Retail Limited and 8.49 acres to M/s Instakart Services Pvt. Ltd. for development of warehouse.
- ❖ Consent to Operate for Air and water has been granted to M/s Cotton County Retail Limited from PPCB vide Certificate No. CTOA/Renewal/LDH1/2018/713677 and CTOW/Renewal /LDH1/2018/7138197 dated 23.04.2018 and is valid upto 30.09.2022 respectively.
- ❖ Consent to Establish has been granted to M/s Instakart Services Pvt. Ltd. from PPCB vide certificate No. CTE/Fresh/LDH1/2019/9669707 dated 24.04.2019 and is valid upto 23.04.2020.
- ❖ The change in land use has been issued to M/s Nahar Industrial Enterprises Ltd. by General Industries, District Industries Centre, Ludhiana vide Letter No. DIC/LDH/595 dated 04.02.2019.

- ❖ Now M/s Nahar Industrial Enterprises Ltd. is planning to develop warehouse in the remaining land of 25.57 acres for which application has been filed for grant of EC.

Other details are given as under:

S. No.	Item	Details																																							
1.	Online Proposal No.	SIA/PB/MIS/108792/2019																																							
2.	Name and Location of the project	Warehouse Project located at Plot Nos. B-3 to B-8 and A-4, Focal Point, Ludhiana, Punjab by M/s Nahar Industrial Enterprises Ltd.																																							
3.	Latitude & Longitude	Corners coordinates: <table border="1"> <thead> <tr> <th>Corner</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>Corner-A</td> <td>30°52'59.55"N</td> <td>75°54'09.72"E</td> </tr> <tr> <td>Corner-B</td> <td>30°52'53.74"N</td> <td>76°54'20.69"E</td> </tr> <tr> <td>Corner-C</td> <td>30°52'54.36"N</td> <td>76°54'21.39"E</td> </tr> <tr> <td>Corner-D</td> <td>30°52'53.24"N</td> <td>76°54'23.70"E</td> </tr> <tr> <td>Corner-E</td> <td>30°52'53.76"N</td> <td>76°54'24.01"E</td> </tr> <tr> <td>Corner-F</td> <td>30°52'53.48"N</td> <td>76°54'24.87"E</td> </tr> <tr> <td>Corner-G</td> <td>30°53'02.41"N</td> <td>76°54'27.79"E</td> </tr> <tr> <td>Corner-H</td> <td>30°53'07.09"N</td> <td>76°54'21.07"E</td> </tr> <tr> <td>Corner-I</td> <td>30°53'06.50"N</td> <td>76°54'20.34"E</td> </tr> <tr> <td>Corner-J</td> <td>30°53'06.84"N</td> <td>76°54'19.10"E</td> </tr> <tr> <td>Corner-K</td> <td>30°53'01.09"N</td> <td>76°54'15.05"E</td> </tr> <tr> <td>Corner-L</td> <td>30°53'03.02"N</td> <td>76°54'12.04"E</td> </tr> </tbody> </table>	Corner	Latitude	Longitude	Corner-A	30°52'59.55"N	75°54'09.72"E	Corner-B	30°52'53.74"N	76°54'20.69"E	Corner-C	30°52'54.36"N	76°54'21.39"E	Corner-D	30°52'53.24"N	76°54'23.70"E	Corner-E	30°52'53.76"N	76°54'24.01"E	Corner-F	30°52'53.48"N	76°54'24.87"E	Corner-G	30°53'02.41"N	76°54'27.79"E	Corner-H	30°53'07.09"N	76°54'21.07"E	Corner-I	30°53'06.50"N	76°54'20.34"E	Corner-J	30°53'06.84"N	76°54'19.10"E	Corner-K	30°53'01.09"N	76°54'15.05"E	Corner-L	30°53'03.02"N	76°54'12.04"E
Corner	Latitude	Longitude																																							
Corner-A	30°52'59.55"N	75°54'09.72"E																																							
Corner-B	30°52'53.74"N	76°54'20.69"E																																							
Corner-C	30°52'54.36"N	76°54'21.39"E																																							
Corner-D	30°52'53.24"N	76°54'23.70"E																																							
Corner-E	30°52'53.76"N	76°54'24.01"E																																							
Corner-F	30°52'53.48"N	76°54'24.87"E																																							
Corner-G	30°53'02.41"N	76°54'27.79"E																																							
Corner-H	30°53'07.09"N	76°54'21.07"E																																							
Corner-I	30°53'06.50"N	76°54'20.34"E																																							
Corner-J	30°53'06.84"N	76°54'19.10"E																																							
Corner-K	30°53'01.09"N	76°54'15.05"E																																							
Corner-L	30°53'03.02"N	76°54'12.04"E																																							
4.	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006	The project falls under Sr .No. 8(a) 'Building & Construction Project'																																							
5.	Whether the project is in critical polluted area or not.	The project falls in Ludhiana which has been notified as critically polluted by MOEF&CC. But, the moratorium has been uplifted vide F.No. J-11013-5/2010-IA.II(I) dated 15.02.2011. Further as per Office Memorandum F.No. J-11013-5/2010-IA.II(I) dated 24.05.2011; General conditions are not applicable on Construction projects.																																							
6.	If the project involves diversion of forest land. If yes, a. Extent of the forest land. b. Status of the forest clearance.	No. Project does not involve any diversion of forest land.																																							
7.	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	Project is not covered under PLPA, 1900.																																							

	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.																																																								
8.	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 wildlife or bird sanctuary falls within 10 km of project site, thus, there is no requirement of NBWL clearance.																																																							
9.	Classification/Land use pattern as per Master Plan	Industrial zone as per Master plan of Ludhiana.																																																							
10.	Cost of the project	Rs. 73.4193 Crores																																																							
11.	Total Plot area, Built- up Area and Green area	<p>The details of project is as under:</p> <table border="1"> <thead> <tr> <th>S. No</th> <th>Description</th> <th>Area</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Plot area (Total scheme area)</td> <td>1,03,477 (or 25.57 acres)</td> </tr> <tr> <td>2.</td> <td>Built-up area</td> <td>62,284.07 m<sup>2</sup></td> </tr> <tr> <td>3.</td> <td>Green area</td> <td>11,400 m<sup>2</sup></td> </tr> </tbody> </table>	S. No	Description	Area	1.	Plot area (Total scheme area)	1,03,477 (or 25.57 acres)	2.	Built-up area	62,284.07 m <sup>2</sup>	3.	Green area	11,400 m <sup>2</sup>																																											
S. No	Description	Area																																																							
1.	Plot area (Total scheme area)	1,03,477 (or 25.57 acres)																																																							
2.	Built-up area	62,284.07 m <sup>2</sup>																																																							
3.	Green area	11,400 m <sup>2</sup>																																																							
12.	Population (when fully operational)	Estimated population: 148 Persons.																																																							
13.	Water Requirements & source in Construction Phase	Water demand of 20 KLD may be there depending upon phases of construction. The water requirement will be provided by treated water from STP installed at Instakart Services Pvt. Ltd.																																																							
14.	Break up of Water Requirements & source in Operation Phase (Summer, Rainy, Winter):	<table border="1"> <thead> <tr> <th rowspan="2">S. No.</th> <th rowspan="2">Season</th> <th colspan="2">Fresh water</th> <th colspan="3">Reuse water</th> <th rowspan="2">Total (KLD)</th> </tr> <tr> <th>Domestic (KLD)</th> <th>Others (Green area) (KLD)</th> <th>Flushing (KLD)</th> <th>Green area (KLD)</th> <th>HVAC (KLD)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Summer</td> <td>4.0</td> <td>60.5</td> <td>2.5</td> <td>2.5</td> <td>-</td> <td>69.5</td> </tr> <tr> <td>2.</td> <td>Winter</td> <td>4.0</td> <td>18.5</td> <td>2.5</td> <td>2.5</td> <td>-</td> <td>27.5</td> </tr> <tr> <td>3.</td> <td>Rainy</td> <td>4.0</td> <td>3.5</td> <td>2.5</td> <td>2.5</td> <td>-</td> <td>12.5</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>S.No.</th> <th>Description</th> <th>Source of water</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Domestic</td> <td>Borewell</td> </tr> <tr> <td>2.</td> <td>Others</td> <td>-</td> </tr> <tr> <td>3.</td> <td>Flushing purposes</td> <td>Treated waste water</td> </tr> <tr> <td>4.</td> <td>Green area</td> <td>Treated waste water &amp; Borewell</td> </tr> <tr> <td>5.</td> <td>HVAC</td> <td>-</td> </tr> </tbody> </table>	S. No.	Season	Fresh water		Reuse water			Total (KLD)	Domestic (KLD)	Others (Green area) (KLD)	Flushing (KLD)	Green area (KLD)	HVAC (KLD)	1.	Summer	4.0	60.5	2.5	2.5	-	69.5	2.	Winter	4.0	18.5	2.5	2.5	-	27.5	3.	Rainy	4.0	3.5	2.5	2.5	-	12.5	S.No.	Description	Source of water	1.	Domestic	Borewell	2.	Others	-	3.	Flushing purposes	Treated waste water	4.	Green area	Treated waste water & Borewell	5.	HVAC	-
S. No.	Season	Fresh water			Reuse water			Total (KLD)																																																	
		Domestic (KLD)	Others (Green area) (KLD)	Flushing (KLD)	Green area (KLD)	HVAC (KLD)																																																			
1.	Summer	4.0	60.5	2.5	2.5	-	69.5																																																		
2.	Winter	4.0	18.5	2.5	2.5	-	27.5																																																		
3.	Rainy	4.0	3.5	2.5	2.5	-	12.5																																																		
S.No.	Description	Source of water																																																							
1.	Domestic	Borewell																																																							
2.	Others	-																																																							
3.	Flushing purposes	Treated waste water																																																							
4.	Green area	Treated waste water & Borewell																																																							
5.	HVAC	-																																																							
15.	Treatment & Disposal	Wastewater generated will be treated in septic tank.																																																							

	arrangements of waste water in Construction Phase				
16.	Disposal Arrangement of Waste water in Operation Phase	Total wastewater generation will be 5.2 KLD which will be treated in proposed STP of 10 KLD capacity to be installed within the project premises.			
		Season	Flushing (KLD)	Green area (KLD)	Sewer (KLD)
		Summer	2.5	63	-
		Winter	2.5	21	-
		Monsoon	2.5	6	-
17.	Rain water recharging detail	3564 m <sup>3</sup> /hr rain water will be collected in 14 no. of Rain water recharging pits.			
18.	Solid waste generation and its disposal	a) 29 kg/day b) Solid wastes will be appropriately segregated (at source by providing bins) into recyclable, Bio-degradable Components and non-biodegradable. c) 13 Kg/day Bio-degradable will be Converted into Manure in compost pit d) 15 Kg/day Non-biodegradable or dry waste will be Handed over to authorized waste pickers e) 1 Kg/day Domestic hazardous waste will be Disposed off to authorized vendors as per Solid Waste Management Rules, 2016.			
19.	Hazardous Waste & E- Waste	Used oil from DG sets will be sold to registered recyclers and E-waste will be disposed off as per the E-waste (Management) Amendment Rules 2018.			
20.	Energy Requirements & Saving	a) 165 KW from PSPCL. b) 1 DG set of capacity 250 KVA (silent DG set) <u>Energy Saving measures:</u> Solar panels have been proposed on the roof top of all the warehouse blocks. The total area covered by solar panels is 33,092.035 m <sup>2</sup> (which is 50% of covered area i.e. 66,184.07 m <sup>2</sup> ) which will generate 2,757 KW of power generation. i) Roof top area = 66,184.07 m <sup>2</sup> ii) Space available for solar panel = 33,092.035 m <sup>2</sup> iii) Area Req. per K.W = 12 m <sup>2</sup> iv) Solar Power Generated = 2,757 KW v) Cost approx. Rs. 80,000 per KW vi) Total Cost approx. = Rs. 20 Crores			
21.	Environment Management Plan along with Budgetary break up phase wise and responsibility to implement	Description	Capital cost (lakhs)	Recurring cost (lakhs)	Monitoring of Air, Noise, water (per annum) Rs.
Construction		50	3.35	1	
Operation		-	8.6	1	
22.	CER activities along with budgetary break up and responsibility to implement				

Mr. Suman Kumar Thakur of M/s Nahar Industrial Enterprises Ltd. will be responsible for implementation of CER (Corporate Environment Responsibility). The estimated cost of the project is Rs. 73.41 Crores. Thus, Rs. 73.41 lakhs (@ 1% of project cost) is required for C.E.R activities as per Office Memorandum vide F. No. 22-65/ 2017-IA.III dated 01.05.2018. However, Rs. 73.5 Lakhs has been proposed under following CER activities as mentioned below:

S.No.	CER Activities	Fund Allocated (Lakhs)	Time Schedule	
			Start	Completed
1.	<p>Education: Adoption of Government Primary School, Giaspura and Government Blind School, College Road, Ludhiana for their better regulation and expansion of facilities as per their needs such as :</p> <ul style="list-style-type: none"> <li>• Construction and maintenance of toilets.</li> <li>• Installation of solar panels for power generation.</li> <li>• Renovation of buildings.</li> <li>• Providing computers in the schools.</li> <li>• Providing of clean drinking water through water filters.</li> </ul>	73.5	After grant of EC	1 years

SEAC asked the project proponent and his Environmental Consultant to clarify the following observations to which he replied as under: -

Sr. No.	Observations	Reply submitted by the project proponent and his Environmental Consultant
1.	As to whether the permission from Deptt. of Forest under the Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 has been obtained.	The project does not fall in any notified reserved forest area and notified sanctuary area.
2.	What is land use pattern as per the Master Plan?	The site falls in industrial zone as per the Master Plan.
3.	What will be the treatment proposal for the sewage expected from the labours / employees during the construction phase?	Septic tank will be provided for the treatment of waste water generated during construction phase.
4.	What is the proposal for rainwater harvesting.	14 no. pits have been proposed by the project proponent for the recharging of groundwater. Construction of the pits and their maintenance shall be strictly

		carried out as per the CGWA norms. The project proponent has submitted the revised design of recharging pit.
5.	There are two more existing projects in the same premises out of which one warehouse has been recently constructed and has been leased out to M/s Instakart Services Pvt. Ltd. Why the project should not be considered as a combined project with existing one.	The project proponent informed that all three projects have separate entity. First project, having 10.04 acres land leased to M/s Cotton County Retail Limited (CTO valid upto 30.09.2022). 2nd project having land 8.49 acres land leased to M/s Instakart Services Pvt. Ltd. for development of warehouse (CTE valid upto 23.04.2020). Both the project having built up area less than 20,000 sqm (each) and do not required Environmental Clearance. Third project, is a new proposal for construction of warehouse in an area of 25.57 acres, having built-up area more than 20,000 sqm and covered under EIA Notification. Thus, a separate application for obtaining EC was filed.
6.	SEAC observed that the building plan submitted by the project proponent has been approved by the Director of Factories, Punjab. Whether any layout plan has been got approved by the Local Govt. or the development authority concerned before the date of application of EC.	The project proponent informed that building plan has been approved by the Director of Factories, Punjab. However, plan has not been got approved by the Local Govt. or the development authority concerned.
7.	Whether online application for obtaining NOC for abstraction of ground water has been applied CGWA?	Online application has been submitted on the portal of CGWA for obtaining permission for abstraction of ground water and a copy of the same has been submitted.
8.	SEAC observed that as per the application filed with CGWA for abstraction of groundwater the project proponent has mentioned it as an existing project and not as a new project. SEAC further queried as to why the project proponent has not applied to the Distt. Advisory Committee, Ludhiana for obtaining permission for abstraction of ground water.	The project proponent informed that while applying for obtaining permission from CGWA, the project as a new project was not being accepted and the application was accepted only after showing as an existing project. He also submitted undertaking to the effect as under: i) The domestic effluent requirement for the project is 6.5 KLD, which will

		<p>be met either through tanker or dispensable water bottles.</p> <p>ii) There will be no abstraction of any groundwater from the existing borewell, unless approval from DC, Ludhiana is obtained.</p> <p>iii) The maximum water demand for the green area is 63 KLD and no fresh/ groundwater will be used for green area development and the treated wastewater from the adjacent industrial units namely M/s Cotton County Retail Ltd. (25 KLD) and M/s Instakart Services Pvt. Ltd. (40 KLD) will be utilized for horticulture purposes.</p>
--	--	---

SEAC took a copy of presentation, design of rainwater recharging plan along with undertaking given by the project proponent and his environmental consultant on record.

After deliberations SEAC decided to award '**Silver Grading**' to the project proposal and to forward the application of the project proponent to SEIAA with the recommendations to grant Environmental Clearance for establishment of a warehouse having built up area 62284.07 sqm in total land area of 1,03,477 sqm at Plot No. B-3 to B-8 and A-4, Focal Point, Ludhiana, Punjab as per the details mentioned in the Form 1, 1A, EMP & subsequent presentation / clarifications made by the project proponent and his consultant with, proposed measures, conditions:

**I. Special Condition:**

The project proponent shall not abstract any groundwater from the existing borewell for the proposed project, unless approval from District Advisory Committee (DAC), Ludhiana constituted by CGWA, is obtained.

**II. 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 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 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 confirm 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 meter height). 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) Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- viii) Wet jet shall be provided for grinding and stone cutting.
- ix) Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- x) All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
- xi) 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.
- xii) 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.
- xiii) For indoor air quality the ventilation provisions as per National Building Code of India.

### **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-swailes, 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 6.5 KLD, which will be met either through tanker or dispensable water bottles.
- v) The treated water generated from the adjacent industrial units namely M/s Cotton County Retail Ltd., (25 KLD) and M/s Instakart Services Pvt. Ltd. (40 KLD) will be utilized for horticulture purposes alongwith treated wastewater from the STP of the project.
- vi) a) The total wastewater generation from the project will be 5.2 KL/day, which will be treated in STP of capacity @10 KLD within the project premises. As proposed, reuse of treated wastewater and discharge of surplus treated wastewater shall be as under:-

<b>S. No.</b>	<b>Season</b>	<b>For Flushing purposes (KLD)</b>	<b>Green Area (KLD)</b>	<b>Into sewer (KLD)</b>
1.	Summer	2.5	2.5	--
2.	Winter	2.5	2.5	--
3.	Rainy	2.5	2.5	--

- b) 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
- vii) The project proponent shall ensure safe drinking water supply to the habitants. Adequate treatment facility for drinking water shall be provided, if required.
- viii) The waste water generated from swimming pool(s) shall not be discharged and the same shall be reused within the premises for purposes such as horticulture, HVAC etc.
- ix) 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.
- x) 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.

- xi) 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.
- xii) 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.
- xiii) The respective project proponent shall discourage the installation of R.O. plants in their projects in order to save the wastage in form of RO reject. However, in case the requirement of installing RO plant is utmost necessary then the rejected stream from the RO shall be separated and shall be utilized by storing the same within the particular component i.e. (Tower/Mall) or in a common place in the project premises.
- xiv) 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.
- xv) The project proponent will provide plumbing system for reuse of treated wastewater for flushing/ HVAC/ other purposes etc. and colour coding of different pipe lines carrying water/wastewater from different sources / treated wastewater as follows:

<b>Sr No.</b>	<b>Nature of the Stream</b>	<b>Color code</b>
i)	Fresh water	Blue Color
ii)	Untreated wastewater from Toilets/ urinal & from Kitchen	Black color
iii)	Untreated wastewater from Bathing/shower area, hand washing (Washbasin / sinks) and from Cloth Washing	Grey color
iv)	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 color
v)	Treated wastewater (for reuse only for plantation purposes) from the STP treating black water	Green
vi)	Treated wastewater (for reuse for flushing purposes or any other activity except plantation) from the STP treating grey water	Green with strips
vii)	Storm water	Orange

		Color
--	--	-------

- xvi) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xvii) The CGWA provisions on rain water harvesting should be followed. Rain water harvesting recharge pits (14 Nos) /storage tanks shall be provided for ground water recharging as per the CGWB norms.
- xviii) A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xix) All recharge should be limited to shallow aquifer.
- xx) 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.
- xxi) 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.
- xxii) 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.
- xxiii) Sewage shall be treated in the STP with tertiary treatment. STP shall be installed in phased manner viz a viz in module system designed in a such a way so as to efficiently treat the waste water with increase in its quantity due to rise in occupancy. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. No treated water shall be disposed in to municipal stormwater drain.
- xxiv) No sewage or untreated effluent water would be discharged through storm water drains. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
- xxv) Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
- xxvi) 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 CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- v) Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1 % of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
- vi) Solar power by utilizing at least 30% of the roof top area shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

#### **VI. Waste Management**

- i) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.

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

## **VII. Green Cover**

- i) No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
- ii) At least single line plantation all around the boundary of the project as proposed shall be provided. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. A minimum of one tree for every 80 sqm of total project land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. The plantation should be provided as per SEIAA guidelines.

- iii) Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1: 10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- iv) Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
- v) The project proponent shall not use any chemical fertilizer /pesticides /insecticides and shall use only Herbal pesticides/insecticides and organic manure in the green area.
- vi) The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use.

### **VIII. Transport**

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

### **IX. Human health issues**



- i) All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii) For indoor air quality the ventilation provisions as per National Building Code of India.
- iii) Emergency preparedness plan based on the Hazard identification and Risk Assessment (HJRA) and Disaster Management Plan shall be implemented.
- iv) 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.
- v) Occupational health surveillance of the workers shall be done on a regular basis.
- vi) A First Aid Room shall be provided in the project both during construction and operations of the project.

**X. Corporate Environment Responsibility**

- i) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities for spending at least minimum amount of Rs. 73.41 Lacs towards following CER activities. The details are given below: -

	CER Activities	Fund Allocated (Lakhs)	Time Schedule	
			Start	Completed
	Education: Adoption of Government Primary School, Giaspura and Government Blind School, College Road, Ludhiana for their better regulation and expansion of facilities as per their needs such as : <ul style="list-style-type: none"> <li>• Construction and maintenance of toilets.</li> <li>• Installation of solar panels for power generation.</li> <li>• Renovation of buildings.</li> <li>• Providing computers in</li> </ul>	73.5	After grant of EC	1 years

	<p>the schools.</p> <ul style="list-style-type: none"> <li>• Providing of clean drinking water through water filters.</li> </ul>			
--	--	--	--	--

- ii) 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.
- iii) A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. The project proponent shall spend minimum amount of Rs 50 Lacs towards capital cost and Rs 3.35 Lacs/annum towards recurring cost in Construction phase of the project including the environmental monitoring cost and shall spend minimum amount of Rs 8.6 Lacs/annum towards 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 environmental management plan is transferred to the occupier/residents society under proper MOU under intimation to SEIAA, Punjab. Year wise progress of implementation of 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 MoEFCC/SEIAA website where it is displayed.

- iv) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- v) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- vi) The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vii) The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- viii) The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- ix) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x) The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- xi) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xii) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xiii) The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiv) The 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 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.

The case was placed in the 159<sup>th</sup> meeting of SEIAA on 08.01.2020 and it was attended by the following:

1. Ms. Suman Thakur, Vice President, on behalf of the project proponent.
2. Ms. Priyanaka Madan, EIA-co-ordinator, M/s Eco Laboratories & Consultants Ltd., Mohali.

Before allowing the presentation, SEIAA queried to the project proponent as under:

- i) There is one more warehouse within the same premises in an area of 8.49 acres and the same has been leased to M/s Instakart Services Pvt. Ltd. The project proponent has not submitted any approved plan for the said project from the Department of Town & Country Planning.
- ii) The project proponent has not submitted any authentic document mentioning the built-up area of the project.
- iii) Why the project proponent did not apply for obtaining Environmental Clearance for whole of the project including the warehousing project.

After detailed deliberations, SEIAA decided that case be deferred for the next meeting till the time project proponent submits reply to the aforesaid observations.

The project proponent submitted the reply to the observations, which is annexed as Annexure-A of the agenda.

The case was placed in the 160<sup>th</sup> meeting of SEIAA on 30.01.2020, which was attended by the following:

1. Sh.Suman Kumar, VP (Purchase and projects) of the promoter company.
2. Sh. Sandeep garg, Environmental Consultant, M/s Eco Laboratories and

Consultants pvt. Ltd.

Environmental Consultant of the promoter company submitted the reply to the earlier raised observations as under:

<b>S. No.</b>	<b>Observation</b>	<b>Reply</b>
1.	There is one more warehouse within the same premises in an area of 8.49 acres and the same has been leased to M/s Instakart Services Pvt. Ltd. The project proponent has not submitted any approved plan for the said project from the Department of Town & Country Planning.	As warehouse is considered as an industry and is covered under the Factories Act thus, the competent authority for approval of the drawing is Director of Factories, Punjab. Layout plans of M/s Instakart Services Pvt. Ltd. and M/s Cotton County Retail Limited have been approved by Director of Factories, Punjab. A copy of the layout plan submitted, which was taken on record by the SEIAA.
2.	The project proponent has not submitted any authentic document mentioning the built-up area of the project.	Total land area of the project is 44.10 acres and divided into 3 parts: i) 10.04 acres has been leased to M/s Cotton County Retail Limited which is a textile entity which does not comes under EIA Notification, 2006 & subsequent amendments. Hence, built-up area is not applicable for such type of industry. Further, Consent to Operate has been obtained by PPCB. Copies of the grant certificates of CTOs (Air & Water) submitted, which were taken on record by SEIAA. ii) 8.49 acres of land for which Consent to Establish has already been obtained from PPCB for storage of goods only by NEIL; copy of CTE dated 24.04.2019 has been submitted. Later on, same was leased to M/s Instakart Services Pvt. Ltd. Built-up area of the project is 18,583 sq.m. and same can be authenticated by drawing approved by Director of

		<p>factories as well as consent to operate issued by PPCB. Copy of approved drawing along with CTO submitted, which were taken on record by SEIAA</p> <p>iii) And remaining 25.57 acres, warehouse has been proposed for which application has been submitted for Environmental clearance with Built-up area of 62,684.07 sq.m.</p>
3.	Why the project proponent did not apply for obtaining Environmental Clearance for whole of the project including the warehousing project.	<p>10.04 acres of the land was leased to M/s Cotton County Retail Limited for garment production (i.e. Textile industry) which is not covered under EIA Notification, 2006 &amp; subsequent amendments. Thus after, there was planning to develop warehouse of 18,583 sq.m. in plot area of 8.49 acres for which built-up area was less than 20,000 sq.m. Thus, there was no requirement of Environmental Clearance at that time. However separate CTE &amp; CTO were obtained for the project. Now, there is planning to develop another warehouse project having built-up area of 62,684.07 sq.m. Thus all the 3 units are separate and are also separate boundary as well as separate services are proposed thus there is no interlinking in the 3 projects as should be treated separately</p>

Thereafter, Environmental Consultant of the promoter company presented the salient features of the project and requested for grant of environmental clearance.

SEIAA raised the following queries to the project proponent to which the project proponent replied as under:

Sr. No.	Observations	Reply
1	What is the width of the roads in	The minimum width of roads is 60'.

	side the focal point for carrying out movement of vehicles.	
2	The project will not utilize the tubewell and power from the existing project.	The project proponent agreed to this.

During discussions, representative of the promoter company agreed to comply with fully all the conditions as mentioned by SEAC except condition no. Condition no. viii) of III. Water quality monitoring and preservation as no swimming pool has been proposed in the project.

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. A copy of presentation was taken on record by SEIAA.

Therefore, the Authority decided to accept the recommendations of SEAC and grant Environmental Clearance for establishment of a warehouse project having a built up area 62284.07 sqm in total land area of 103477 sqm located at Plot No. B-3 to B-8, Focal Point, Ludhiana, as per the details mentioned in Form 1, 1A, EMP & subsequent presentations/ clarifications made by the project proponent and his Environmental Consultant, proposed measures andwith the following amendments in the conditions as proposed by SEAC:

**Conditions to be deleted as under:**

**Condition no. viii) of III. Water quality monitoring and preservation**

- viii) The waste water generated from swimming pool(s) shall not be discharged and the same shall be reused within the premises for purposes such as horticulture, HVAC etc.

**Additional condition to be imposed:**

- i) The project proponent shall not utilize the various services such as Tubewell, sewerage and power from the existing project.

**Conditions to be amended as under:**

**Condition no. iv) of V. Energy Conservation measures**

- iv) Energy conservation measures like installation of LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.

**Condition no. xv) of XII. Miscellaneous**

- xv) The Regional Office of this Ministry and Punjab Pollution Control Board (PPCB) 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

**Item No. 160.06 Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for the development of Integrated Township namely "Mohali Hills" at Sectors- 98, 99, 104, 105, 106, 108, 109 and 110, SAS Nagar, Mohali, Punjab developed by M/s EMAAR MGF Land Ltd. (Proposalno. SIA/PB/NCP/25837 /2017).**

SEIAA observed that:

**History of the case**

M/s Emaar MGF Land Private Ltd. had applied for issuance of TOR under EIA notification dated 14.09.2006 for area development project namely "Mohali Hills" at Sector-98, 99, 105, 106, 108, 109 & 110, SAS Nagar (Mohali), Punjab. The project is covered under category 8 (b) of the Schedule appended to the said notification. Earlier the project was accorded EC by MoEF, Govt. of India vide letter no. 21-171/2007-IA.III dated 18.06.2008 for developing an integrated township in an area of 888.50 acre at Sector 98, 105, 108 & 109, SAS Nagar, Mohali. Out of this, initially development work was planned for 601.5 acre as mentioned in the MoEF letter. The work was started on site but due to recession in the market and financial crisis project could not be completed and construction work was stopped at the site. Thereafter, the planning has been finalized for 625.35 acre out of the total land of 888.50 acre at Sector-98, 99, 105, 106, 108, 109 & 110, SAS Nagar (Mohali). Further, the Northern Regional office of MoEF, Chandigarh vide letter no. 5-131/2008-RO(NZ) dated 08.02.2012 has clarified that geographical features of the sectors are identical but only the nomenclature of the sectors has been changed. The details of the project are as under: -

- The total plot area of the project will be 625.35 acre in the revenue estate of Sector- 98, 108 & 109, SAS Nagar (Mohali), Punjab. The breakup of area is as Area under park is 42.83 acre, area under facilities 43.20 acre, area under roads is 166 acre, Area under residential (plotted + group housing) is 242.03 acre, area under commercial is 7.01 acre. Thus, the net planned area is 501.07 acre. Area under EWS is 31.27 acre. Area under commercial and mix land



use is 49.12 acre, reserved area is 43.89 acre. Thereby, total area becomes 625.35 acre.

- The total built up area of the project will be 861844.852 sqm.
- The total cost of the project including land and development cost is Rs. 2108.286 crore.
- The layout plan of the project has been approved by Department of Town & Country Planning, Punjab vide letter no. 8167/MTR-2 dated 15.012.2014.
- The project consists of the following: -
  - a) Residential plots i.e. 178 plots in Sector-98, 115 plots in Sector-99, 169 plots in Sector-104, 461 plots in Sector-105, 77 plots in Sector-106, 808 plots in Sector- 108, 1375 plots in Sector-109 & 09 plots in Sector-110. The total area under Residential plots is 224.11 acre.
  - b) Group Housing in Sector 105 & 109 with area 14.08 acre and 3.84 respectively. The total area of Group housing is 17.92 acre.
  - c) Area under Commercial is 0.83 acre in Sector-98, 6.18 acre in Sector-105. The total area is 7.01 acre.
  - d) The area under EWS is 2.42 acre in Sector -99, 1.11 acre in Sector-104, 7.57 acre in Sector-109 and 20.17 acre in Sector-110.
  - e) Public facilities like Schools, Community Centre, Health Centre, Dispensary, Religious Building, Post Office and Crèche.
- Total population will be 65,629 persons.
- The total water requirement will be 13,744 KLD which includes fresh water requirement as 10,584 KLD. The total waste water generation will be 11,374 KLD which will be treated in existing three STPs of capacity 100 KLD, 100 KLD, 10 KLD & proposed two STPs of capacity 3.7 MLD & 7.6 MLD.

The water balance detail for the Sectors 98, 99, 104, 105 & 106 is as under:

- The domestic demand will be 4558 KLD which includes fresh water @3500 KLD. The waste water generated @3646 KLD will be treated in existing STP of capacity 100 KLD and proposed STP of capacity 3.7 MLD. The treated water @3573 KLD will be utilized i.e. in summer season, the project proponent has proposed to utilize 1058 KL/day of treated wastewater for flushing purpose, 419 KLD will be utilized for horticulture purposes & 2096 KLD will be discharged into GMADA sewer. In winter season, 1058 KL/day of treated wastewater for flushing purpose, 137 KLD will be utilized for horticulture purposes & 2378 KLD will be discharged into GMADA sewer. In rainy season, 1058 KL/day of treated wastewater for flushing purpose, 38 KLD will be utilized for horticulture purposes & 2584 KLD will be discharged into GMADA sewer, the wet weather flow @109 KLD has been considered in the rainy season.

- The water balance detail for the Sectors 108, 109 & 110 is as under: The domestic demand will be 9186 KLD which includes fresh water @7084 KLD. The waste water generated @7349 KLD will be treated in existing STP of capacity 100 KLD, 10 KLD and proposed STP of capacity 7.6 MLD. The treated water @7202 KLD will be utilized i.e. in summer season, the project proponent has proposed to utilize 2102 KL/day of treated wastewater for flushing purpose, 535 KLD will be utilized for horticulture purposes & 4565 KLD will be discharged into GMADA sewer. In winter season, 2102 KL/day of treated wastewater for flushing purpose, 175 KLD will be utilized for horticulture purposes & 4925 KLD will be discharged into GMADA sewer. In rainy season, 2102 KL/day of treated wastewater for flushing purpose, 49 KLD will be utilized for horticulture purposes & 5316 KLD will be discharged into GMADA sewer, the wet weather flow @270 KLD has been considered in the rainy season.
- The 8 number of recharging pits in Sector 108, 6 number recharging pits in Sector 109 have already been constructed and 6 number recharging pits in Sector 108 and 8 number recharging pits in Sector 109 have been proposed. Further, 8 number recharging pits have been constructed and 8 number recharging pits have been proposed in Sector 105 to recharge ground water.
- Total power requirement for the project will be 65106 KVA which will be provided by PSPCL. The project proponent has proposed to install 13 nos. of Silent DG sets as a backup with total capacity of 11330 KVA and the breakup is (2x380 + 2x500 + 7x1010 + 2x1250) KVA.
- Solid waste generation from the project will be 28,750 Kg/day.
- The project proponent submitted the proposed Terms of Reference (TORs).

Sh. Malvinder Singh, Member (SEAC) and Dr. S.S. Viridi Member (SEAC) were requested vide email dated 16.02.2017 to check the latest status of construction at site and submit the report so that further action in the matter can be taken. The site has been visited by SEAC members on 21.02.2017. It has been informed by the visiting members telephonically that visit report is being prepared and will be placed before SEAC during the meeting.

The case was considered by SEAC in its 155<sup>th</sup> meeting held on 23.02.2017, which was attended by the following on behalf of project proponent:

- (i) Sh. Shishir Lal, Head - SEC, of the promoter company.
- (ii) Ms. Priyanka Anand, Manager-EIA, M/s EQMS India Pvt. Ltd., Environment Consultant of the project proponent.

On perusal of visit report received from visiting SEAC Members, the SEAC observed that there is no construction undertaken by the project proponent at the project site however, the construction activity was going on the plotted sites in sector 98. The visiting **SEAC members categorically stated that the project proponent is complying with conditions of environmental clearance previously granted by MoEF.**

However, the SEAC further observed that total plot area is 625.35 acre which is more than 150 hectare. As per amendment dated 09.12.2016 in Schedule-I of EIA notification dated 14.09.2006, the projects having development area  $\geq$  150 hectare or built up area  $\geq$ 3 lacs sqm have been categorized as category A projects and are to be appraised and decided by the MoEF & CC, New Delhi. As such, the competency to appraise and decide the present case lies with MoEF

After deliberations, the SEAC decided to recommend to SEIAA that the project proponent be asked to apply to MoEF & CC, New Delhi and the present application be rejected.

The case was considered by SEIAA in its 120<sup>th</sup> meeting held on 16.03.2017, which was attended by the following on behalf of project proponent:

- (i) Sh. Shishir Lal, Head - SEC, of the promoter company.
- (ii) Ms. Priyanka Anand, Manager-EIA, M/s EQMS India Pvt. Ltd., Environment Consultant of the project proponent

The SEIAA observed that total plot area is 625.35 acre which is more than 150 hectare. As per amendment dated 09.12.2016 in Schedule-I of EIA notification dated 14.09.2006, the projects having development area  $\geq$  150 hectare or built up area  $\geq$ 3 lacs sqm have been categorized as A projects and are to be appraised and decided by the MoEF & CC, New Delhi.

The present Environment Clearance application filed by the project proponent online with SEIAA Punjab is required to be transferred to MoEF&CC, New Delhi but there is no provision in the online web portal to transfer the Environment Clearance application by SEIAA, Punjab to MoEF&CC, New Delhi. The application has to be decided as otherwise it will keep reflecting in the pending Environment Clearance applications/ cases. The SEIAA observed that it has no other option except to reject the Environment Clearance application in order to clear it from the web portal. After detailed deliberations, the SEIAA decided as under: -

- (i) Reject the application for issuance of TOR under EIA notification dated 14.09.2006 for area development project i.e. Integrated Township namely "Mohali Hills" in the revenue estate of Sector-98, 99, 105, 106, 108, 109 & 110, SAS Nagar (Mohali), Punjab developed by M/s Emaar MGF Land Private Ltd as there is no provision on the web portal ([www.environmentalclearance.nic.in](http://www.environmentalclearance.nic.in)) to transfer the same by SEIAA to MoEF&CC, New Delhi and there is no option left with SEIAA to decide/clear the pending application from web portal except rejecting it.
- (ii) Project proponent be informed to apply fresh application to MoEF & CC, New Delhi.

Accordingly, both decisions of the SEIAA have been conveyed vide letter no. 223 dated 21.03.2017 to the project proponent.

Thereafter, fresh application having proposal no. IA/PB/NCP/63474/2017 was submitted online to the MoEF&CC on 25.03.2017 for obtaining Terms of References for the project under category 8 (b) i.e. Township & area development project of the EIA Notification, 14.09.2006. The case was accepted by MoEF&CC on on

11.05.2017. Thereafter, ToR was issued on 13.06.2017. EIA Report along with other documents as per TOR was submitted to MoEF&CC GOI on 19.09.2017.

MoEF&CC has issued OM dated 03.04.2018 wherein, following has been decided for compliance with immediate effect: -

1. All pending applications before the Environmental Cell shall be considered by the respective State Environment Impact Assessment Authority (SEIAA) in different States/UTs.
2. All proposals relating to category A of item 8(b) of the schedule to the EIA Notification, 14.09.2006 Notification, 2006, received in the Ministry in pursuance of the Notification dated 9<sup>th</sup> December, 2016, but not appraised so far by the sectoral Expert Appraisal Committee (EAC) in the Ministry, shall be considered by the respective SEAC/SEIAA in different States/UTs.
3. All building/construction projects/townships and area development projects, covered under item 8(a) &(b) of the schedule to the EIA Notification, 2006, shall continue to be dealt by the respective SEIAA/SEAC in different States/, as per the extant provisions contained in the EIA Notification, 2006.
4. For the transferred applications, the SEAC/SEIAA shall consider the remaining process/stages other than those already completed at the MOEF&CC. The process/stages already completed at the MOEF&CC shall not be started de-novo by the SEAC/SEIAA.
5. The seniority of the applications being transferred to the SEAC/SEIAA shall be considered based on their date of application to the MOEF&CC.

### **Present Case**

In compliance to the OM dated 03.04.2018 issued by the MoEF&CC, application (New Proposal no. SIA/PB/NCP/25837/2017) has now been submitted online to SEIAA, Punjab for obtaining environmental clearance under EIA notification dated 14.09.2006 for the development of Integrated Township namely "Mohali Hills" at Sectors-98, 99, 105, 106, 108, 109 and 110, SAS Nagar, Mohali, Punjab. The project proponent has submitted the EIA report prepared on basis of ToR issued by MoEF&CC alongwith with the application.

The case was considered by SEAC in the 168<sup>th</sup> meeting held on 22.06.2018 and the same was attended by the following on behalf of project proponent:

- (i) Sh. Shishir Lal, Head-SEC of the promoter company.
- (ii) Sh. Sandeep Garg, M/s ECO laboratories & Consultants Pvt. Ltd.,

The SEAC allowed the project proponent to present the EIA report and the Environmental Consultant started giving presentation of EIA report. The SEAC observed that following observations are required to be dealt with before its case is considered for grant of the EC: -

- 1) The project proponent is required to submit a copy of acknowledgement along with copy of complete application submitted online to DFO for obtaining forest clearance under Forest (Conservation) Act, 1980 for 05 accesses to site from main Landra-Banur Road.
- 2) The project proponent is required to submit year-wise CA certificate

with effect from 2013.

- 3) The project proponent is required to submit sector-wise no. of flats earlier and proposed now.
- 4) The project proponent is required to submit the status of construction of each sector with the following details: -

Sr No.	Sector	Total flats	Already constructed	Balance
		Nos	Nos	Nos

- 5) Project proponent shall obtain a letter from GMADA regarding when the outfall sewer will be laid in the vicinity of the project.
- 6) The project proponent is required to submit detail storm water management plan including recharging wells with calculations.
- 7) The project proponent is required to submit the detail Solid waste management plan.
- 8) The project proponent is required to submit green area requirements. Whether Green area has been provided as per the EIA manual.
- 9) The project proponent shall compare base line data generated at the time of earlier Environmental clearance and data generated proposed now.
- 10) Whether Sampling station for air, water noise etc. are same and if yes, same is required to be justified according to the EIA manual.
- 11) The compliance should be with respect to rain water only and para regarding treated effluent should be excluded.
- 12) The project proponent is required to provide the proposal of Energy saving for Common area, community area and roof top area of group housing project. Solar Power / Solar power generation should be considered in the proposal.
- 13) The project proponent is required to presented the Traffic management plan.

After detailed deliberations, SEAC decided to defer the case and ask the project proponent to submit reply to the aforesaid observations. The project proponent will present the complete presentation after incorporating the reply to the aforesaid observations.

Accordingly, ADS was raised through online facility available on web portal of MoEF&CC, New Delhi i.e. [www.environmentclearance.nic.in](http://www.environmentclearance.nic.in).

The project proponent had uploaded the reply of the aforesaid observations on the web portal and is reproduced is as under: -

Sr. No.	OBSERVATIONS	REPLY
1.	The project proponent is required to submit a copy of acknowledgement along with copy of complete application submitted online to DFO for obtaining forest clearance under Forest	Forest NOC has already been obtained from DFO for 05 accesses to site from main Landran- Banur Road; copy is enclosed as Annexure.

	(Conservation) Act, 1980 for 05 accesses to site from main Landran-Banur Road.																																				
2.	The project proponent is required to submit year-wise CA certificate with effect from 2013.	The expense sheet detailing the expenditure starting from year 2013 to 2017 is attached as Annexure. Balance sheets starting from 2013 will be attached during the time of hard copy submission. Brief details are as follows: However, from 2013 onwards, approx. 90% of the amount was spent on land purchases in Sector-105. Hard cost mainly includes internal fittings & fixtures and landscaping. While, in other sectors, roads, water supply, drainage, irrigation development took place. While, in Sector-99 & 108, fittings and fixtures were done in bungalows.																																			
3.	The project proponent is required to submit sector-wise no. of flats earlier and proposed now.	The details showing the comparison between earlier EC, after sector demarcation by MoEF and proposed now are mentioned in Annexure. Further, sector-wise no. of plots / flats earlier and proposed now are also mentioned.																																			
4.	The project proponent is required to submit the status of construction of each sector with the following details: - <table border="1" data-bbox="300 1173 767 1473"> <thead> <tr> <th>Sr. No.</th> <th>Sector</th> <th>Total Flats</th> <th>Already Constructed</th> <th>Balance</th> </tr> <tr> <td></td> <td></td> <td>Nos.</td> <td>Nos.</td> <td>Nos.</td> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Sr. No.	Sector	Total Flats	Already Constructed	Balance			Nos.	Nos.	Nos.											The status of construction of each sector mentioning the said details is given below: <table border="1" data-bbox="794 1099 1385 1361"> <thead> <tr> <th>Sr. No.</th> <th>Sector</th> <th>Total Flats</th> <th>Already Constructed</th> <th>Balance</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>105</td> <td>696</td> <td>696</td> <td>Nil</td> </tr> <tr> <td>2.</td> <td>109</td> <td colspan="3">Proposed Group Housing; exact no. of flats not yet decided.</td> </tr> </tbody> </table> <p>Apart from it, plots have also been constructed by the plot owners. Details of the same are mentioned in Annexure.</p>	Sr. No.	Sector	Total Flats	Already Constructed	Balance	1.	105	696	696	Nil	2.	109	Proposed Group Housing; exact no. of flats not yet decided.		
Sr. No.	Sector	Total Flats	Already Constructed	Balance																																	
		Nos.	Nos.	Nos.																																	
Sr. No.	Sector	Total Flats	Already Constructed	Balance																																	
1.	105	696	696	Nil																																	
2.	109	Proposed Group Housing; exact no. of flats not yet decided.																																			
5.	Project proponent shall obtain a letter from GMADA regarding when the outfall sewer will be laid in the vicinity of the project.	Letter from GMADA regarding laying of trunk services has already been obtained earlier and copy of the same have been submitted and is attached as Annexure. Further, it is to assure you that in absence of trunk GMADA sewer; treated water obtained from STP will be reused for flushing, horticulture and excess will be used for construction activities.																																			
6.	The project proponent is required to submit detail storm water management plan including recharging wells with calculations.	Residential Plots having plot area of 400 sq.m. or above (i.e. 407 plots) shall have roof top rain water recharging system within the plot to recharge the ground water as per the specific design. Individual plot owners will be responsible for provision of rain water recharging within their plot i.e.																																			

		<p>407 recharging pits will be constructed by individual plot owners.</p> <p>While, for other areas, rain water recharging is being done by the project proponent. Detailed rain water recharging calculations are attached as Annexure. The Plan showing location of rainwater recharging pits will be submitted during the time of hard copy submission. Nos. of rain water recharging pits proposed in total and constructed at present within individual sectors are given below:</p>																													
	<table border="1"> <thead> <tr> <th>Sector Name</th> <th>Total Recharging Pits</th> <th>Constructed at present</th> </tr> </thead> <tbody> <tr> <td>Sector 98</td> <td>8 Numbers Recharge Structures with 14 Number Boreholes.</td> <td>Nil</td> </tr> <tr> <td>Sector 99</td> <td>2 Numbers Recharge Structures with 3 Number Boreholes.</td> <td>Nil</td> </tr> <tr> <td>Sector 104</td> <td>2 Numbers Recharge Structures with 3 Number Boreholes.</td> <td>Nil</td> </tr> <tr> <td>Sector 105</td> <td>8 Numbers Recharge Structures with 16 Number Boreholes.</td> <td>7 Numbers Recharge structures with 11 numbers Boreholes</td> </tr> <tr> <td>Sector 106</td> <td>1 Number Recharge Structures with 2 Number Boreholes.</td> <td>1 Number Recharge Structures with 2 Number Boreholes.</td> </tr> <tr> <td>Sector 108</td> <td>16 Numbers Recharge Structures with 23 Number Boreholes.</td> <td>9 Numbers Recharge Structures with 12 Number Boreholes.</td> </tr> <tr> <td>Sector 109</td> <td>12 Numbers Recharge Structures with 24 Number Boreholes.</td> <td>7 Numbers Recharge Structures with 11 Number Boreholes.</td> </tr> <tr> <td>Sector 110</td> <td>2 Numbers Recharge Structures with 3 Number Boreholes.</td> <td>Nil</td> </tr> <tr> <td>Total</td> <td>52 Numbers Recharge Structures with 88 Number Boreholes.</td> <td>24 Numbers Recharge Structures with 36 Number Boreholes.</td> </tr> </tbody> </table>	Sector Name	Total Recharging Pits	Constructed at present	Sector 98	8 Numbers Recharge Structures with 14 Number Boreholes.	Nil	Sector 99	2 Numbers Recharge Structures with 3 Number Boreholes.	Nil	Sector 104	2 Numbers Recharge Structures with 3 Number Boreholes.	Nil	Sector 105	8 Numbers Recharge Structures with 16 Number Boreholes.	7 Numbers Recharge structures with 11 numbers Boreholes	Sector 106	1 Number Recharge Structures with 2 Number Boreholes.	1 Number Recharge Structures with 2 Number Boreholes.	Sector 108	16 Numbers Recharge Structures with 23 Number Boreholes.	9 Numbers Recharge Structures with 12 Number Boreholes.	Sector 109	12 Numbers Recharge Structures with 24 Number Boreholes.	7 Numbers Recharge Structures with 11 Number Boreholes.	Sector 110	2 Numbers Recharge Structures with 3 Number Boreholes.	Nil	Total	52 Numbers Recharge Structures with 88 Number Boreholes.	24 Numbers Recharge Structures with 36 Number Boreholes.
Sector Name	Total Recharging Pits	Constructed at present																													
Sector 98	8 Numbers Recharge Structures with 14 Number Boreholes.	Nil																													
Sector 99	2 Numbers Recharge Structures with 3 Number Boreholes.	Nil																													
Sector 104	2 Numbers Recharge Structures with 3 Number Boreholes.	Nil																													
Sector 105	8 Numbers Recharge Structures with 16 Number Boreholes.	7 Numbers Recharge structures with 11 numbers Boreholes																													
Sector 106	1 Number Recharge Structures with 2 Number Boreholes.	1 Number Recharge Structures with 2 Number Boreholes.																													
Sector 108	16 Numbers Recharge Structures with 23 Number Boreholes.	9 Numbers Recharge Structures with 12 Number Boreholes.																													
Sector 109	12 Numbers Recharge Structures with 24 Number Boreholes.	7 Numbers Recharge Structures with 11 Number Boreholes.																													
Sector 110	2 Numbers Recharge Structures with 3 Number Boreholes.	Nil																													
Total	52 Numbers Recharge Structures with 88 Number Boreholes.	24 Numbers Recharge Structures with 36 Number Boreholes.																													

7.	The project proponent is required to submit the detail Solid waste management plan	About 28,750 kg/day (@ 0.40 kg/capita/day for residential and @ 0.20 kg/capita/day for commercial) of the solid waste will be generated once colony is fully established. The solid waste will be duly segregated within the project into three separate streams namely Bio-degradable or wet waste, Non-biodegradable or dry waste and Domestic hazardous waste. Solid waste will be managed as per Solid Waste Management Rules, 2016. Solid waste Management Plan is attached as Annexure.
8.	The project proponent is required to submit green area requirements. Whether Green area has been provided as per the EIA manual.	As per EIA Manual, there is as such no green area requirement. However, as per T&CP, Chandigarh; layout plan has been approved with green area of 1,73,326.86 sq.m. (or 42.83 acres) (i.e. 6.85% of overall project area) which is more than permissible green area requirement of 6% of total plot area. 6989 trees / shrubs have been planted within the existing project; details of the same are enclosed as Annexure.
9.	The project proponent shall compare base line data generated at the time of earlier Environmental clearance and data generated proposed now.	Agreed. The comparison of baseline data generated at the time of earlier Environmental clearance and data generated proposed now is attached as Annexure.
10.	Whether Sampling station for air, water noise etc. are same and if yes, same is required to be justified according to the EIA manual.	As per EIA Manual, Ambient air Monitoring network should have minimum one location in upwind side and two sites in downwind side / impact zone. Locations of Ambient Air quality monitoring stations are decided based on meteorological conditions like wind speed, wind direction, temperature, etc.; selected pollution pockets in the area and likely impact areas. Thus, four monitoring locations have been selected i.e. Project Site (Theme Park near Plot no. 106 in Sector-105), Gurudwara Sahib Park in Village- Chaomajra; Agriculture Land in Village- Bhagomajra and Agriculture Land in Village- Dhurali. With respect to water monitoring stations as per manual; set of grab samples for ground water is to be collected; thus, water samples were collected from same locations. As per soil monitoring locations; samples were collected from the same villages. Regarding noise monitoring stations, monitoring is to be done in identified area and once in season. Thus, same locations have been selected for noise monitoring.
11.	The compliance should be with respect to rain water only and para regarding treated	This is in regard to TOR Compliance point No. 11 i.e. Rain water harvesting proposals should be made with due safeguards for ground water quality. Maximize



	effluent should be excluded.	<p>recycling of water and utilization of rain water. Examine details.</p> <p>Reply: Rain Water Harvesting is feasible in the project area and for this purpose, the runoff generated from the roof of the buildings, roads, paved area, lawns &amp; open area is to be channelized through construction of storm water drains.</p> <p>Residential Plots having plot area of 400 sq.m. or above (i.e. 407 plots) shall have roof top rain water recharging system within the plot to recharge the ground water as per the specific design. Individual plot owners will be responsible for provision of rain water recharging within their plot i.e. 407 recharging pits will be constructed by individual plot owners.</p> <p>While, for other areas, rain water recharging is being done by the project proponent. Detailed rain water recharging calculations are attached as Annexure. The Plan showing location of rainwater recharging pits will be submitted during the time of hard copy submission. Details of nos. of rain water recharging pits proposed in total and constructed at present within individual sectors are given in reply of Point no. 6.</p>
12.	The project proponent is required to provide the proposal of Energy saving for Common area, community area and roof top area of group housing project. Solar Power / Solar power generation should be considered in the proposal.	<p>LED street lights have been used instead of MH lamps within the sectors of project. Energy saving calculations showing the same is enclosed as Annexure.</p> <p>Also, 40 Nos. having 100 lt. capacity of solar panels has been provided for solar water heating systems in Group Housing of Sector-105. Terrace drawing showing location of solar panels will be submitted in hard copy.</p>
13.	The project proponent is required to present the Traffic management plan.	Traffic survey was carried out and traffic study report is attached as Annexure.

The case was considered by the SEAC in its 178<sup>th</sup> meeting held on 15.04.2019, which was attended by the following: -

- Sh. Shishir Lal, Head Sustainability Excellence Centre, on behalf of project proponent.
- Sh. Sandeep Garg, EIA-co-ordinator, M/s Eco-laboratories& Consultants Pvt. Ltd., Mohali, Environment Consultant of the promoter company.
- Ms. Simran, FAE, M/s Eco-laboratories & Consultants Pvt. Ltd, Environment Consultant of the promoter company.

SEAC perused the reply submitted by the project proponent and observed that

earlier Environmental Clearance was expired in year 2013. However, the CA certificate suggests increase in fixed assets after 2013 also. Though, the representative of project proponent contested that majority of the expenditure was made on purchase of land, fittings fixtures of already accomplished works and environmental management components besides repair and maintenance work, SEAC was not satisfied with the replies.

One of the member observed that after the sector demarcation, Project area initially envisioned to be sector 98, 105, 108 & 109 has instead been marked as Sector 98, 99,104, 105,106, 108, 109 & 110 SAS Nagar, Mohali as mentioned by the Northern Regional office of MoEF, Chandigarh vide letter no. 5-131/2008-RO(NZ) dated 08.02.2012. Whereas, as per the present agenda it had obtained revised TOR for Sector 98, 99, 105,106, 108, 109 & 110. There is no reference of Sector 104 either in TOR application issued by MoEF&CC nor in present EC application filed before SEIAA, Punjab. Moreover, the project proponent is required to clarify the status of EC application earlier filed before MOEF& CC on 19.09.2017. The Project Proponent assured to look into this aspect and agreed to clarify in writing.

Following queries were raised to which the project proponent and his Environmental Consultant sought time:

- (a) To clarify as to weather the area of Sector 104 still comes under proposed application as same has not been mentioned in the TOR issued by MOEF&CC as well as in the present EC application submitted to the SEIAA, Punjab. If not reasons there of.
- (b) Further, the project proponent is required to clarify the status of EC application earlier filed before MOEF& CC on 19.09.2017
- (c) Project proponent is required to submit the bifurcated details of amount spent from year 2013 (After expiry of EC) duly certified by a Chartered Accountant (CA) in the prescribed table given below:

Year	Capital investment (In Lacs)				Expenditure on EMP related activities STP, green area, etc (in lacs)		Expenditure on Repair & Maintenance of old buildings / development work/ constructed before expiry of EC and	Others (specify)
	Land	New Const.	Fitting/ fixtures etc. to complete old building constructed	Development works like Road, sewer, W/S, Power House, etc	Capital Cost	Operational / Maintenance Cost		

			before expiry of EC				water/ electricity Bills etc (in lacs)	
2013 (After expiry of EC) – 2014								
2014-15								
2015-16								
2016-17								
2017-18								
2018-19								

(d) Sector wise details of flats constructed by the company or House constructed by the individual before & after date of expiry of EC to be provided in the following table:

Sector	Year	Status of construction of Flats/ other establishments to be made by Company			Status of construction of Houses/ other establishments to be made by individual plot owners		
		Proposed at the time of EC	Constructed	Balance	Proposed at the time of EC	Constructed	Balance
98	Before expiry of EC in 2013						
	After expiry of EC in 2013 till date						
99	Before expiry of EC in 2013						
	After expiry of EC in 2013 till date						
104	Before expiry of EC in 2013						
	After expiry of EC in 2013 till date						
105	---do---						
106							
108							
109							
110							

- (e) Details of allotment letters issued / sale deed executed for plots/ flats/ other establishments belonging to the project, after the expiry of Environmental Clearance in year 2013?
- (f) Details of the present occupancy and occupancy likely to be increased in the coming 3-5 years.
- (g) Present generation of waste water and quantity of expected waste water after 3-5 years along with the details of utilization/ disposal of present waste water generated at present and after 3-5 years.
- (h) Revised rain water harvesting calculations to be submitted considering peak hour rainfall.
- (i) Fresh traffic study for 03 days considering the operation of new lanes in the vicinity such as sector 98,99 and sector 105 & 106 dividing roads.

After detailed deliberations, SEAC decided to defer the case and asked the project proponent to submit the reply to aforesaid observations so that further action in the matter can be taken.

The project proponent has now submitted the reply which is annexed as Annexure-2 of the agenda.

The case was considered by the SEAC in its 186<sup>th</sup> meeting held on 26.12.2019, which was attended by the following: -

- i) Sh. Shishir Lal, Head Sustainability Excellence Centre, on behalf of project proponent.
- ii) Sh. Sandeep Garg, EIA-Co-ordinator, M/s Eco-laboratories& Consultants Pvt. Ltd., Mohali, Environment Consultant of the promoter company.
- iii) Ms. Pariyanka Madan, M/s Eco-laboratories & Consultants Pvt. Ltd, Environment Consultant of the promoter company.

Environmental Consultant of the project proponent submitted the reply to the earlier raised observations as under:-

- 1) The area of Sector-104 comes under the proposed application and the same has already been mentioned in all the previous documents of TOR as well as the EIA report. But, however, it got missed from the name of location of the project. Thus, kindly read location of project as "Sectors 98, 99, 104, 105, 106, 108, 109 and 110, SAS Nagar, Mohali, Punjab."
- 2) Application has been filed to MoEF&CC for the withdrawal of the EC application i.e. Proposal No.IA/PB/NCP /63474/2017 dated 19.9.2017. Copy of the letter submitted to MoEF&CC for withdrawal along with snapshot after submission was enclosed as Annexure-1(a) and 1(b) respectively of the agenda.
- 3) CA Certificate mentioning the amount spent on the project after expiry of EC is attached along as Annexure-2 of the agenda. The amount was spent on land purchases where agreements were done earlier with land owners; construction cost mainly includes the internal finishing work including installation of fitting & fixtures of light/ fans/ACs/sanitary ware, etc. repair and painting, cost involved in roads, sewer & power includes maintenance & repair work involved in the project; cost under STP head includes amount given for installation of STP along with its consultancy charges; etc.
- 4) Details of the flats or Houses constructed in the different Sectors as per desired details is given as under: \_

Sector	Year	Status of const. of flats/other establishments to be made by Company.			Status of const. of flats/other establishments to be made by Individual Plot Owners		
		Proposed (2008)	Constructed	Balance	Proposed (2008)	Constructed	Balance
98	Before June'13						
	After June 13' till date						
99	Before June'13						
	After June 13' till date						
104	Before June'13						
	After June 13' till date						
105	Before June'13	999	998	1			
	After June 13' till date						

106	Before June'13						
	After June 13' till date						
108	Before June'13					51	
	After June 13' till date						
109	Before June'13					99	
	After June 13' till date						
110	Before June'13						
	After June 13' till date						

- 5) Allotment letter issued / sale deed executed for 1611 plots/flats after the expiry of Environmental Clearance i.e. after 17th June, 2013. Details of the same are enclosed as Annexure-4.
- 6) Details of the present Occupancy are given below:-

Sl. No.	Sectors	No's (Present Occupancy)
01	98	NA
02	99	13
03	104	9
04	105	46
05	106	7
06	108	65
07	109	43
08	110	NA
09	105 -THE VIEWS MOHALI	145
<b>TOTAL</b>		<b>328 flats/plots</b>

Thus, present population is 1,640 persons (328 × 5). As per assumption, there will be increase in population of approx. 25% in 3 years and 40% in 5 years. Thus, total expected population will be 2,050 and 2,296 persons after 3 and 5 years respectively

- 7) Wastewater generation as per present occupancy is 147 KLD. Thus, expected wastewater generation will be 229 KLD and 256 KLD after 3 and 5 years respectively. The wastewater generated is being treated in existing STP of 100 KLD, 100 KLD and 10 KLD. Treated water is being disposed off for flushing as well as green area within the project resulting in zero discharge.
- 8) Revised rainwater recharging calculations are enclosed as Annexure-6. Based on the run off available for recharge, the number of harvesting and recharge structures are estimated as under:-

Sectors	Balance Run off (m <sup>3</sup> )	40 rainwater recharging structures with 3 boreholes each have been proposed. No recharge structures have been constructed in these sectors yet.
Sector 98	9268.90	
Sector 99	2169.37	

Sector 104	1167.69
Sector 110	2181.56
Total	14,787.52

9) Traffic study report for 3 days is attached along as Annexure-7. The detail of the Modified Traffic Scenario & LOS at different locations (after full occupancy & development is as under:-

Locations	V (Volume in PUC/day)	C (Capacity in PUC/day)	Existing V/C ratio	LOS
A	5137 + 1541* + 6174 = 12852	86,400	0.14	A
B	17205 + 6344* + 6174 = 29723	86,400 <sup>#</sup>	0.34	B

\* Proposed Increase in existing traffic after 5 years (30% of the existing traffic)

# Note: Road widening has been sanctioned for four lanes at Location B (i.e. Kharar Banur road). Thus, capacity of road will be increased to 86,400 PCUs/day.

#### Conclusion for the traffic load after expansion:

- The V/C ratio at location A is found to be between 0.0-0.2 for location A which means that the performance of road is Excellent.

The V/C ratio at location B is between 0.2-0.4 which means that the performance of road will be good.

SEAC took the reply along with all the annexure (1 to 7) on the record. SEAC was satisfied from the reply of the project proponent.

The Committee observed that the project proponent has provided adequate and satisfactory clarifications to the observations raised by it. Therefore, the Committee awarded 'Silver Grading' to the project proposal and decided to forward the case to the SEIAA with the recommendation to grant environmental clearance to the project proponent for development of Integrated Township namely "Mohali Hills" at sector 98, 99, 104, 105, 106, 108, 109 and 110, SAS Nagar (Mohali) in an area 625.35 acres (or 253.07 hectares) having built up area 61,844.852 sq.m subject to the following salient features and conditions in addition to the proposed measures: -

S.No.	Item	Details				
1.	Online Proposal No.	SIA/PB/NCP/25837/2017				
2.	Name and Location of the project	Integrated Township Project "Mohali Hills" located at Sectors - 98, 99, 104, 105, 106, 108, 109 and 110, SAS Nagar (Mohali), Punjab developed by M/s Emaar MGF Land Ltd.				
3.	Latitude & Longitude	Few corner coordinates are: <table border="1" style="margin-left: 20px;"> <tr> <th>Latitude</th> <th>Longitude</th> </tr> <tr> <td>30°39'27.13"N</td> <td>76°41'48.71"E</td> </tr> </table>	Latitude	Longitude	30°39'27.13"N	76°41'48.71"E
Latitude	Longitude					
30°39'27.13"N	76°41'48.71"E					

			30°39'18.52"N	76°40'59.67"E
			30°39'51.24"N	76°40'04.84"E
			30°39'36.83"N	76°39'51.39"E
			30°39'09.67"N	76°40'38.92"E
			30°38'57.06"N	76°41'32.43"E
4.	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006	8(b) - 'Townships and Area Development projects' Category B1.		
5.	Whether the project is in critical polluted area or not.	No.		
6.	If the project involves diversion of forest land. If yes, a. Extent of the forest land. b. Status of the forest clearance.	The diversion of forest land is involved in the project; therefore clearance has already been obtained under Forest (Conservation) Act, 1980. Copy of NOCs has been granted vide no 8210 dated 16.01.2018		
7.	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	The project is not covered under PLPA, 1900 and does not fall near any PLPA area.		
	of the NOC w.r.t PLPA, 1900.			
8.	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).	City Bird Sanctuary and Sukhna Wildlife Sanctuary are at a distance of approx. 13 km & 15 km respectively from the project location. No Wildlife Sanctuary/National park lies within 10 km of Project location		
9.	Classification/Land use pattern as per Master Plan	The project is earmarked as per Master Plan of Greater Mohali region. Greater Mohali region showing the project location is attached as Drawing-1 of application.		
10.	Cost of the project	The cost of the project after expansion is estimated to be		

		Rs. 2,108.286 Crores.																																																							
11.	Total Plot area, Built-up Area and Green area	<p>The details of project is as under:</p> <table border="1"> <thead> <tr> <th>S. No</th> <th>Description</th> <th>Area( Ammeded)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Plot area (Total scheme area)</td> <td>625.35 acres (or 253.07 hectares)</td> </tr> <tr> <td>2.</td> <td>Built-up area</td> <td>8,61,844.852 sq.m.</td> </tr> <tr> <td>3.</td> <td>Green area</td> <td>1,73,326.86 sq.m. (or 42.83 acres)</td> </tr> </tbody> </table>	S. No	Description	Area( Ammeded)	1.	Plot area (Total scheme area)	625.35 acres (or 253.07 hectares)	2.	Built-up area	8,61,844.852 sq.m.	3.	Green area	1,73,326.86 sq.m. (or 42.83 acres)																																											
S. No	Description	Area( Ammeded)																																																							
1.	Plot area (Total scheme area)	625.35 acres (or 253.07 hectares)																																																							
2.	Built-up area	8,61,844.852 sq.m.																																																							
3.	Green area	1,73,326.86 sq.m. (or 42.83 acres)																																																							
12.	Population (when fully operational)	Estimated population: 77,629 Persons.																																																							
13.	Water Requirements & source in Construction Phase	<p>During construction phase, water demand will be of approx. 20 KLD.</p> <p>The water requirement is being met by treated water from STP. Domestic water demand for 125 workers during peak period @ 8 KLD is being provided by fresh water tankers.</p>																																																							
14.	Break up of Water Requirements & source in Operation Phase (Summer, Rainy, Winter):																																																								
	<table border="1"> <thead> <tr> <th rowspan="2">S. No.</th> <th rowspan="2">Season</th> <th colspan="2">Fresh water</th> <th colspan="3">Reuse water</th> <th rowspan="2">Total (KLD)</th> </tr> <tr> <th>Domestic (KLD)</th> <th>Others (KLD)</th> <th>Flushing (KLD)</th> <th>Green area (KLD)</th> <th>HVAC (KLD)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Summer</td> <td>10584</td> <td>-</td> <td>3160</td> <td>955</td> <td>-</td> <td>13744</td> </tr> <tr> <td>2.</td> <td>Winter</td> <td>10584</td> <td>-</td> <td>3160</td> <td>312</td> <td>-</td> <td>13744</td> </tr> <tr> <td>3.</td> <td>Rainy</td> <td>10584</td> <td>-</td> <td>3160</td> <td>87</td> <td>-</td> <td>13744</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>S.No.</th> <th>Description</th> <th>Source of water</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Domestic</td> <td>Borewells</td> </tr> <tr> <td>2.</td> <td>Others (Pl define)</td> <td>-</td> </tr> <tr> <td>3.</td> <td>Flushing purposes</td> <td>Treated wastewater</td> </tr> <tr> <td>4.</td> <td>Green area</td> <td>Treated wastewater</td> </tr> <tr> <td>5.</td> <td>HVAC</td> <td>-</td> </tr> </tbody> </table>	S. No.	Season	Fresh water		Reuse water			Total (KLD)	Domestic (KLD)	Others (KLD)	Flushing (KLD)	Green area (KLD)	HVAC (KLD)	1.	Summer	10584	-	3160	955	-	13744	2.	Winter	10584	-	3160	312	-	13744	3.	Rainy	10584	-	3160	87	-	13744	S.No.	Description	Source of water	1.	Domestic	Borewells	2.	Others (Pl define)	-	3.	Flushing purposes	Treated wastewater	4.	Green area	Treated wastewater	5.	HVAC	-	
S. No.	Season			Fresh water		Reuse water				Total (KLD)																																															
		Domestic (KLD)	Others (KLD)	Flushing (KLD)	Green area (KLD)	HVAC (KLD)																																																			
1.	Summer	10584	-	3160	955	-	13744																																																		
2.	Winter	10584	-	3160	312	-	13744																																																		
3.	Rainy	10584	-	3160	87	-	13744																																																		
S.No.	Description	Source of water																																																							
1.	Domestic	Borewells																																																							
2.	Others (Pl define)	-																																																							
3.	Flushing purposes	Treated wastewater																																																							
4.	Green area	Treated wastewater																																																							
5.	HVAC	-																																																							
15.	Treatment & Disposal arrangements of waste water in Construction Phase	<p>STP</p> <p>Wastewater generated during the construction phase is being treated in STP. Waste handling will be done by site contractor whose responsibility lies with collection &amp; storage of construction and demolition waste generated on the site.</p>																																																							
16.	Disposal Arrangement of Waste water in Operation Phase	Total wastewater and sewage generation will be 13,744 KLD which will be treated in Existing STPs of 100 + 100																																																							



		+ 10 KLD + proposed STP of 3.7 & 7.6 MLD capacity.																
		<table border="1"> <thead> <tr> <th>Season</th> <th>Flushing (KLD)</th> <th>Green area (KLD)</th> <th>GMADA Sewer (KLD)</th> </tr> </thead> <tbody> <tr> <td>Summer</td> <td>3,160</td> <td>955</td> <td>17,859</td> </tr> <tr> <td>Winter</td> <td>3,160</td> <td>312</td> <td>17,216</td> </tr> <tr> <td>Monsoon</td> <td>3,160</td> <td>87</td> <td>16,991</td> </tr> </tbody> </table>	Season	Flushing (KLD)	Green area (KLD)	GMADA Sewer (KLD)	Summer	3,160	955	17,859	Winter	3,160	312	17,216	Monsoon	3,160	87	16,991
Season	Flushing (KLD)	Green area (KLD)	GMADA Sewer (KLD)															
Summer	3,160	955	17,859															
Winter	3,160	312	17,216															
Monsoon	3,160	87	16,991															
17.	Rain water recharging detail	58,864 m <sup>3</sup> /hr of rain water will be generated which will be collected in 158 no. of recharge structures will be provided to recharge the rooftop, green area and paved area.																
18.	Solid waste generation and its disposal	<ul style="list-style-type: none"> <li>a) 28,750 kg/day</li> <li>b) Solid waste will be appropriately segregated (at source) by providing bins into Bio-degradable and non-biodegradable Components.</li> <li>c) 12,938 kg/day of bio-degradable waste will be converted into Manure using Mechanical Composters of size 6 × 2000 and 1 × 1000 kg/day.</li> <li>d) 15,237 kg/day of non-biodegradable or dry waste will be handed over to authorized waste pickers</li> <li>e) 575 kg/day of domestic hazardous waste will be disposed off to authorized vendors as per Solid Waste Management Rules, 2016.</li> </ul>																
19.	Hazardous Waste & E- Waste	Used oil from DG sets will be sold to registered recyclers and E-waste will be disposed off as per the E-waste (Management) Amendment Rules, 2018.																
20.	Energy Requirements & Saving	<ul style="list-style-type: none"> <li>a) 65,106 KVA from PSPCL.</li> <li>b) 13 DG Sets of 11,330 total capacity (i.e. 2 × 380 + 2 × 500 + 7 × 1010 + 2 × 1250) will be kept as standby for the power back up. (silent DG sets)</li> </ul> <u>Energy Saving measures:</u> <ul style="list-style-type: none"> <li>i) 40 Nos. of solar water heaters having 100 lt. capacity each have been provided for solar water heating systems in Group Housing of Sector-105.</li> <li>ii) LED street lights have been used instead of MH lamps within the sectors of project.</li> </ul>																
21.	Environment Management Plan along with Budgetary break up phase wise and responsibility to implement	<p>During construction phase, Rs. 964 lakhs as capital &amp; Rs. 43.7 lakhs as recurring will be spent on EMP. While, during operation phase, Rs. 21 lakhs will be spent as recurring cost per annum for implementation of the EMP.</p> <table border="1"> <thead> <tr> <th>Description</th> <th>Capital cost (lakhs)</th> <th>Recurring cost (lakhs)</th> <th>Monitoring of Air, Noise, wa (per annum) I</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Description	Capital cost (lakhs)	Recurring cost (lakhs)	Monitoring of Air, Noise, wa (per annum) I												
Description	Capital cost (lakhs)	Recurring cost (lakhs)	Monitoring of Air, Noise, wa (per annum) I															

		Construction	964	43.7	1
		Operation	131	21	2
22.	CER activities along with budgetary break up and responsibility to implement				
Mr. Shishir Lal (Authorized Signatory) of M/s Emaar MGF Land Ltd. will be responsible for implementation of CER (Corporate Environmental Responsibility) as well as Environment Management Plan (EMP) till the project is handed over. As per Office Memorandum of CER dated 01.05.2018; project proponent needs to spend 0.25% of additional project cost i.e. 0.25% of Rs. 1897.336 Cr which is Rs. 4.7 Crores. Thus, project proponent has adopted Village Raipur Kalan along with other activities and will spend Rs. 4.81 Crores as per the below mentioned CER activities:					
S. No.	Activities	Annual expenditure	Timeline	Total expenditure in 7 years	
1.	<b>Adoption of Village Raipur Kalan</b>				
	<ul style="list-style-type: none"> <li>Constructing Public Health services i.e. water supply network, trunk sewer, street light, solid waste management, etc.</li> </ul>	Rs. 43 lakhs	7 years	Rs. 3.01 Cr	
	<ul style="list-style-type: none"> <li>Adoption of Village Pond &amp; its maintenance</li> </ul>	Rs. 20 lakhs	7 years	Rs. 1.4 Cr	
2.	Installation of water coolers in common areas for general public in different places	Rs. 1.5 lakh	7 years	Rs. 10.5 lakhs	
3.	Woolen Clothes & Blanket distribution & food to needy people during winters	Rs. 1 lakh	7 years	Rs. 7 lakhs	
4.	Adoption of Govt. Primary School in Village Moujpur in terms of its maintenance and other necessary facilities	Rs. 2.5 lakhs	7 years	Rs. 17.5 lakhs	
5.	Tree plantation drive on World Environment Day-Cost	Rs. 1 lakh	5 years	Rs. 5 lakhs	
	Total amount to be spent on CER	Rs. 69 Lakhs		Rs. 4.81 Crores	

### 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 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 Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board / Committee.
- vi) The project proponent shall obtain the necessary permission for drawl of ground water/ surface water required for the project from the competent authority.
- vii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- viii) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- ix) The provisions of the Solid Waste (Management) Rules, 2016, E-Waste (Management) Rules, 2016, Construction & Demolition Waste Rules,2016 and the Plastics Waste (Management) Rules, 2016 shall be followed.
- x) The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
- xi) The project site shall conform to the suitability as prescribed under the provisions laid down under the master plan of respective city/ town. For that, the project proponent shall either to submit the NOC/ land use conformity certificate from Deptt of Town and Country Planning or other concerned Authority under whom jurisdiction, the site falls.
- xii) Besides above, the project proponent shall also comply with siting criteria / guidelines, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of projects.
- xiii) The project proponent shall get the layout plans approved from the Competent Authority for the activities / establishments to be set up at project site in consonance of the project proposal for which this environment clearance is applied.

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

- i) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- ii) A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii) The project proponent shall install system to carryout Ambient Air Quality monitoring for common /criterion parameters relevant-to the main pollutants

released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.

- iv) Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v) Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3m height or 1/3rd of the building height and maximum upto 10m). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
- vi) No Excavation of soil shall be carried out without adequate dust mitigation measures in place.
- vii) No loose soil or sand or construction & demolition waste or any other construction material that causes dust shall be left uncovered.
- viii) No uncovered vehicles carrying construction material and waste shall be permitted
- ix) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- x) Grinding and Cutting of building material in open area shall be prohibited. Wet jet shall be provided for grinding and stone cutting.
- xi) Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- xii) All construction and demolition debris shall be stored at the site within earmarked area and road side storage of construction material and waste shall be prohibited. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
- xiii) The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xiv) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xv) For indoor air quality the ventilation provisions as per National Building Code of

India.

- xvi) Roads leading to or at construction site must be paved and blacktopped (i.e. metallic road)
- xvii) Dust Mitigation measures shall be displayed prominently at the construction site for easy public viewing.
- xviii) Construction and Demolition Waste Processing and Disposal site shall be identified and required dust mitigation measure be notified at the site.

### III. Water quality monitoring and preservation

- i) The natural drain system should be maintained for ensuring unrestricted flow of water.
- ii) No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- iii) Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
- iv) The total water requirement for the project will be 13744 KL/day, which shall be met through groundwater & treated wastewater. Total fresh water use shall not exceed 10584 KL/day the proposed requirement as provided in the project details.
- v) a) The total wastewater generation from the project will be 13744 KL/day, which will be treated in existing STP's of capacity @ 100+100+10 KLD and additional STP of capacity @ 3.7 MLD and 7.6 MLD to be installed within the project premises. As proposed, reuse of treated wastewater and discharge of surplus treated wastewater shall be as under:-

S. No.	Season	For Flushing purposes (KLD)	Green Area (KLD)	GMADA Sewer (KLD)
1.	Summer	3160	955	16991
2.	Winter	3160	312	17216
3.	Rainy	3160	87	17859

- 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 waste water generated from swimming pool(s) shall not be discharged and the same shall be reused within the premises for purposes such as horticulture, HVAC etc.
- viii) 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.
- ix) 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.
- x) 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.
- xi) 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.
- xii) The respective project proponent shall discourage the installation of R.O. plants in their projects in order to save the wastage in form of RO reject. However, in case the requirement of installing RO plant is utmost necessary then the rejected stream from the RO shall be separated and shall be utilized by storing the same within the particular component i.e. (Tower/Mall) or in a common place in the project premises.
- xiii) 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.
- xiv) The project proponent will provide plumbing system for reuse of treated wastewater for flushing/ HVAC/ other purposes etc. and colour coding of different pipe lines carrying water/wastewater from different sources / treated wastewater as follows:

<b>Sr. No</b>	<b>Nature of the Stream</b>	<b>Color code</b>
a)	Fresh water	Blue Color
b)	Untreated wastewater from Toilets/ urinal & from Kitchen	Black color
c)	Untreated wastewater from Bathing/shower area, hand washing (Washbasin / sinks) and from Cloth Washing	Grey color

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 color
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 Color

- xv) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xvi) The CGWA provisions on rain water harvesting should be followed. Rain water harvesting recharge pits/structure (40 Nos RWH structure each with 3 borewells) /storage tanks shall be provided for ground water recharging as per the CGWB norms.
- xvii) A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xviii) All recharge should be limited to shallow aquifer.
- xix) 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.
- xx) 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.
- xxi) 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.
- xxii) Sewage shall be treated in the STP with tertiary treatment. STP shall be installed in phased manner viz a viz in module system designed in a such a way so as to efficiently treat the waste water with increase in its quantity due to rise in occupancy. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. No treated water shall be disposed in to municipal stormwater drain.
- xxiii) No sewage or untreated effluent water would be discharged through storm water drains. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by

an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.

- xxiv) Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
- xxv) 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 CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- v) Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1 % of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.



- vi) Solar power by utilizing at least 30% of the roof top area shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

## **VI. Waste Management**

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

## **VII. Green Cover**

- i) No tree can be felled/transplant unless exigencies demand. Where absolutely

necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).

- ii) At least single line plantation all around the boundary of the project as proposed shall be provided. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. A minimum of one tree for every 80 sqm of total project land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. The plantation should be provided as per SEIAA guidelines.
- iii) Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1: 10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- iv) Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
- v) The project proponent shall not use any chemical fertilizer /pesticides /insecticides and shall use only Herbal pesticides/insecticides and organic manure in the green area.
- vi) The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use.

### **VIII. Transport**

- i) A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
  - a) Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
  - b) Traffic calming measures.
  - c) Proper design of entry and exit points.
  - d) Parking norms as per local regulation.
- ii) Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- iii) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time

and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

- iv) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.

#### **IX. Human health issues**

- i) All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii) For indoor air quality the ventilation provisions as per National Building Code of India.
- iii) Emergency preparedness plan based on the Hazard identification and Risk Assessment (HJRA) and Disaster Management Plan shall be implemented.
- iv) 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.
- v) Occupational health surveillance of the workers shall be done on a regular basis.
- vi) A First Aid Room shall be provided in the project both during construction and operations of the project.

#### **X. Corporate Environment Responsibility**

- i) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities for spending at least minimum amount of Rs. 4.81 crore towards following CER activities. The details are given below: -

<b>S. No.</b>	<b>Activities</b>	<b>Annual expenditure</b>	<b>Timeline</b>	<b>Total expenditure in 7 years</b>
1.	<b>Adoption of Village Raipur Kalan</b>			
	<ul style="list-style-type: none"> <li>Constructing Public Health services i.e. water supply network, trunk sewer, street light, solid waste management, etc.</li> </ul>	Rs. 43 lakhs	7 years	Rs. 3.01 Cr
	<ul style="list-style-type: none"> <li>Adoption of Village Pond &amp; its</li> </ul>	Rs. 20 lakhs	7 years	Rs. 1.4 Cr

	maintenance			
2.	Installation of water coolers in common areas for general public in different places	Rs. 1.5 lakh	7 years	Rs. 10.5 lakhs
3.	Woolen Clothes & Blanket distribution & food to needy people during winters	Rs. 1 lakh	7 years	Rs. 7 lakhs
4.	Adoption of Govt. Primary School in Village Moujpur in terms of its maintenance and other necessary facilities	Rs. 2.5 lakhs	7 years	Rs. 17.5 lakhs
5.	Tree plantation drive on World Environment Day-Cost	Rs. 1 lakh	5 years	Rs. 5 lakhs
	Total amount to be spent on CER	Rs. 69 Lakhs		Rs. 4.81 Crores

- ii) 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.
- iii) A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. The project proponent shall spend minimum amount of Rs 964 Lacs towards capital cost and Rs 44.7 Lacs/annum towards recurring cost in Construction phase of the project including the environmental monitoring cost and shall spend minimum amount of Rs 131 Lacs towards capatial cost & Rs 23 Lacs/annum towards 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 environmental management plan is transferred to the occupier/residents society under proper MOU under intimation to SEIAA, Punjab. Year wise progress of implementation of 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 MoEFCC/SEIAA website where it is displayed.
- iv) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- v) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- vi) The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at Environment Clearance portal.
- vii) The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- viii) The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- ix) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x) The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- xi) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xii) Concealing factual data or submission of false/fabricated data may result in

revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.

- xiii) The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiv) The 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.

The case was considered by SEIAA in the 160th meeting held on 30.1.2020 and the same was attended by the following on behalf of project proponent:

- (i) Sh. Shishir Lal, Head-SEC of the promoter company.
- (ii) Sh. Sandeep Garg, M/s ECO laboratories & Consultants Pvt. Ltd.,
- (iii) Ms Priyanka Madan, M/s ECO laboratories & Consultants Pvt. Ltd

Environmental Consultant of the promoter company presented the salient features of the project and requested for grant of environmental clearance.

SEIAA raised certain observations to which project proponent replied as under:-

<b>Sr No</b>	<b>Observations</b>	<b>Reply</b>
01	While submitting the application of TORs to MoEF, what is the land area and built up area and whether it is matching with the current application.	The land area was 625.35 acres (or 253.07 hectares) and built up area was 61,844.852 sq.m and the same is matching with the current application.
02	Resubmit the breakup of Water requirements, Summer, Rainy and Winter in Operation Phase as it is incorrect	Environmental Consulatnt submitted the Revised Water balance diagram for three season.

		The details of the water requirement is as under:-					
Breakup of Water Requirements & source in Operation Phase (Summer, Rainy, Winter):							
S. No.	Season	Fresh water		Reuse water			Total (KLD)
		Domestic (KLD)	Others (KLD)	Flushing (KLD)	Green area (KLD)	HVAC (KLD)	
1.	Summer	10584	-	3160	954	-	14698
2.	Winter	10584	-	3160	312	-	14056
3.	Rainy	10584	-	3160	87	-	13831
S.No.	Description	Source of water					
1.	Domestic	Borewells					
2.	Others (Pl define)	-					
3.	Flushing purposes	Treated wastewater					
4.	Green area	Treated wastewater					
5.	HVAC	-					
Total wastewater and sewage generation will be 11,374 KLD which will be treated in existing STPs of 100 + 100 + 10 KLD + proposed STP of 3.7 & 7.6 MLD capacity.							
Season	Flushing (KLD)	Green area (KLD)	GMADA Sewer (KLD)				
Summer	3,160	954	6,661				
Winter	3,160	312	7,303				
Monsoon	3,160	87	7,900				
04	Whethere there is any change in entry or exit in comparssion to the earlier environmental clearance. granted to the project.	There is no change in entry or exit of the project in comparssion to the earlier Environmental Clearance granted to the project					

During discussions, representative of the promoter company agreed to comply with fully all the conditions as mentioned by SEAC except the condition no vii) of Water Quality Monitoring and Preservation as no swimming pool has been proposed in the project..

During discussions, representative of the promoter company agreed to comply with fully 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.

Therefore, the Authority decided to accept the recommendations of SEAC and grant environmental clearance fo development of Integrated Town ship namely " Mohali Hills" at sector 98, 99, 104, 105, 106, 108, 109 and 110, SAS Nagar (Mohali) in

an area 625.35 acres (or 253.07 hectares) having built up area ,61,844.852 sq.m to be developed by M/s EMAAR MGF Land Ltd. as per the details mentioned in Form 1, 1A, EMP & subsequent presentations/ clarifications made by the project proponent and his Environmental Consultant, proposed measures andwith the following amendments in the conditions as proposed by SEAC:

**Conditions to be deleted as under**

**Condition no. vii) of of III. Water quality monitoring and preservation**

- vii) The waste water generated from swimming pool(s) shall not be discharged and the same shall be reused within the premises for purposes such as horticulture, HVAC etc.

**Conditions to be amended as under:**

**Condition no. iv) and v)-a of of III. Water quality monitoring and preservation**

- iv) The total water requirement for the project will be 14698 KL/day(max in summer season), which shall be met through groundwater & treated wastewater. Total fresh water use shall not exceed 10584 KL/day the proposed requirement as provided in the project details.
- v) a)The total wastewater generation from the project will be 11374 KL/day, which will be treated in existing STP's of capacity @ 100+100+10 KLD and additional STP of capacity @ 3.7 MLD and 7.6 MLD to be installed within the project premises. As proposed, reuse of treated wastewater and discharge of surplus treated wastewater shall be as under:-

S. No.	Season	For Flushing purposes (KLD)	Green Area (KLD)	GMADA Sewer (KLD)
1.	Summer	3160	955	6661
2.	Winter	3160	312	7303
3.	Rainy	3160	87	7900

**Condition no. iv) of V. Energy Conservation measures**

- iv) Energy conservation measures like installation of LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.



**Item No. 160.07: Application for obtaining Environmental Clearance under EIA Notification dated 14.09.2006 for the expansion of Mega Housing Complex namely "Hyde Park Estate" located at Village Salamatpur, Devinagar, Bharonjian and Ratwara, Tehsil Kharar, District SAS Nagar (Mohali), Punjab developed by M/s DLF Universal Limited (Proposal no. SIA/PB/NCP/25993/2017)**

SEIAA observed that

M/s. DLF Home Developers Ltd. has planned to expand the Mega Housing Complex "Hyde Park Estate" located at Village Salamatpur, Devinagar, Bharonjian, Ratwara and Mullanpur Garibdas, Tehsil Kharar, District SAS Nagar (Mohali), Punjab.

The project comprises of Residential plots, EWS, Commercial and other Institutional facilities.

M/s. DLF Home Developers Ltd. has already received Environmental Clearance vide Letter No. SEIAA/M.S./2012/2074 dated 6<sup>th</sup> Feb, 2014 for the land area of 224.98 acres; net planned area of 181.86 acres and built-up area of 5,30,986.262 sq.m.

There is plan to increase the plot area to 235.97 acres; net planned area of 192.84 acres and built-up area of 7,07,101.62 sq.m. Thus, application is filed for Expansion of the Mega Housing Complex.

The details of the technical approvals obtained are as under:-

Sr. No.	Description	Status
1.	Earlier Environmental Clearance	Granted for land area of 224.98 acres; net planned area of 181.86 acres and built-up area of 5,30,986.262 sq.m. vide Letter No. SEIAA/M.S./2012/2074 dated 06.02.2014.
2.	CLU for 11.04 acres of land for expansion	Obtained vide Memo No.2116 CTP (Pb) SP 432(M) dated 20.05.2015
3.	NOC for ground water abstraction from CGWA	Obtained vide letter no. 21-4(511)/NWR/CGWA/2011-1738 dated 23.08.2016.
4.	NOC from DFO for Forest Clearance	Obtained vide Letter no. 4419 dated 23.08.2016
5.	Revised NOC from PSPCL	Obtained vide Memo no. 67 dated 22.02.2017
6.	NOC from Fire Department	Obtained vide letter no. FB-17/556 dated 07.11.2017.
7.	Satisfactory report from NRO, MoEF&CC	Obtained vide Letter No. 5-372/2012-RO(NZ)/267-268/268 dated 06.07.2017 for earlier EC.
8.	Consent to Establish from PPCB for 235.97 acres.	Obtained vide Letter No. CTE/Ext/SAS/2018/7001633 dated 05.04.2018 for plot area of 235.97 acres.
9.	Consent to Operate from PPCB for 141 plots	Obtained vide Letter No. CTOA / Varied / SAS / 2018 / 7117763 for Air and

		CTOW/Varied/SAS/2018/7117783 for water dated 05.04.2018
10.	NOC from GMADA regarding Sewerage Permission along with solid waste disposal	Obtained vide Memo No. GMADA-DE(PH-NC)-2015/876 dated 18.09.2015 and letter dated 27.07.2018.

As per Master Plan of Mullanpur, the project site falls in the residential zone.  
Comparison as per EC accorded & proposed expansion

Sr. No.	Description	EC Accorded	Proposed	Total (After Expansion)
1.	Estimated Population	22,189 Persons	454 Persons	22,643 Persons
2.	Total Water Requirement	2,898 KLD	76 KLD	2,974 KLD
3.	Fresh water Demand	2,119 KLD	59 KLD	2,178 KLD
4.	STP capacity	Existing STP of 3 MLD capacity		
5.	Parking provision apart from individual plots	653 ECS	141 ECS	794 ECS
6.	Solid waste generation	10,772.83 kg/day	199 kg/day	10,972 kg/day
7.	Rain water recharging Pits	68 Pits		
8.	Power Load	14,535.49 KW or 16,150.54 KVA	1,144.26 KVA	17,294.8 KVA or 17.29 MVA
9.	DG sets	8 DG sets of 14,250 kVA capacity (i.e. 6 × 2,000 + 1 × 1,500 + 1 × 750)		
10.	Project Cost	Rs. 478.27 Crores (As per earlier EC)	Rs. 709.89 Crores (Revision for current EC and for expansion)	Rs. 1,188.16 Crores

#### Area Details

SI. No.	Description	Area (in sq.m.)	Area (in acres)	Area (in acres)	Area (in sq.m)	Area (in acres)
1.	Total Plot Area	9,10,461.8	224.98	10.99	9,54,936.709	235.97
2.	Area Under EWS	45,729.48	11.30	0.64	48,332.80	11.94 (@ 5.06%)
3.	Area under Acquisition	26,850.89	6.635	-1.555	20,574.79	5.08
4.	Area under Revenue Rasta	11,695.41	2.89	1.5	17,765.70	4.39
5.	Area under Sector Road	66,611.26	16.46	-0.51	64,547.36	15.95

6.	Reserved Area	70,455.77	17.14	0.57	71,665.49	17.71
7.	Net Planned Area [1-(3+4+5+6)]	7,35,961.3	181.86	10.98	7,80,383.38	192.84
8.	Area Under Residential	3,33,137.2	82.32	0.77	3,36,266.38	83.09 (@ 43.09%)
9.	Area Under Commercial	17,806.17	4.40	0.94	21,591.68	5.34 (@ 2.77%)
10.	Area Under Organized Green	45,122.45	11.15	0.5	47,145.88	11.65 (@ 6.04%)
11.	Total Saleable Area (incl. EWS) (2+8+9)	3,96,676.9	98.021	2.349	4,06,190.87	100.37 (@ 52.05%)
12.	Built up area	5,30,986.262 sq.m.		1,76,115.358 sq.m.	7,07,101.62 sq.m.	

#### **Built-up area details of total project (after expansion)**

SI.No.	Particulars	Area (in sq.yds)	FAR	Built-up Area (in sq.yds)
1.	Residential Plots	4,02,171.25	As per zoning	7,40,586.85
2.	Commercial	20,465.76	1.75	35,815.08
3.	Booth	5,200	1	5,200
4.	Schools	30,859.37	1 to 0.75	27,979.20
5.	Dispensary	2,613.51	1.5	3,920.265
6.	Religious Building	1,347.09	1.5	2,020.635
7.	CFC/Suvidha Kendra	142.49	1	142.49
8.	Community Center	18,404.63	1	18,404.63
9.	Area under water works, STP, ESS, DG & HSD	11,617.35	1	11,617.35
	Total Built-up Area			8,45,686.5 sq.yds or 7,07,101.62 sq.m.

#### **Present development status**

100% services have been laid in the EC accorded portion.

Details of construction of plots are given below:

Total Flats/ Plots Nos.	Already Constructed Nos.	Balance Nos.	Remarks

1106 Plots as per Earlier EC	141	965	Presently, only 20 families are residing in the project.
------------------------------	-----	-----	--

Also, Consent to Operate has been obtained for 141 plots.

While, no development work has been done in the expansion part yet.

Population details

Sr. No.	Description	Norms	EC Accorded		Proposed	Total (After Expansion)	
			Total Plots/Area	No. of Persons	No. of Persons	Total Plots/Area	No. of Persons
1.	Residential Plots	15 persons per plot	1,106 Plots	16,590	105	1,113 Plots	16,695
2.	EWS	400 persons per acre	11.30 acres	4,520	256	11.94 acres	4,776
3.	Commercial	100 persons per acre	4.41 acres	441	93	5.34 acres	534
4.	Institutional	100 persons per acre	6.38 acres	638	-	6.38 acres	638
Total Estimated Population				22,189 Persons	454 Persons		22,643 Persons

Comparison of water demand & wastewater generation details

SI. No.	Description	EC Accorded	Proposed	Total (After Expansion)
1.	Total Water Demand	2,898 KLD	76 KLD	2,974 KLD
2.	Fresh Water Demand	2,119 KLD	59 KLD	2,178 KLD
3.	Maximum wastewater generated considering infiltration	2,318 KLD	331 KLD	2,649 KLD
4.	STP capacity	Existing STP of 3 MLD capacity		

**Water requirement & wastewater generation (proposed expansion)**

SI. No.	Description	No. of persons	Water Consumption (in lpcd)	Total Water Requirement (in KLD)
1.	Residential Plots	105	200	21
2.	EWS	256	200	51
3.	Commercial	93	45	4
Total Water Requirement				76 KLD
Flushing water req. (@ 45 lpcd for residential & 16 lpcd for floating)				17 KLD

Flow to sewer (@ 80%)		61 KLD
Treated water (@ 98%)		60 KLD
Green area water req.	2,023.43sq.m.	
Summer (@ 5.5 lt./m2/day)		11 KLD
Winter (@ 1.8 lt./m2/day)		4 KLD
Monsoon (@ 0.5 lt./m2/day)		1 KLD

#### Water requirement & wastewater generation (total after expansion)

S. No.	Details	Water Demand (in KLD)
1.	Total water req.	2,974 KLD
2.	Fresh Water demand	2,178 KLD
3.	Total flushing water req.	796 KLD
4	Sewage Load @ 80% a) (During summer and winter season)	2,379 KLD
	b) (During rainy season considering infiltration rate @270 KLD (1350 manholes x 200 ltr/manholes/day)	2649 KLD
5.	Treated sewage @98% of the sewage load a) (During Summer & winter season)	2331 KLD
	b) (During rainy season)	2596 KLD
6.	Green area (47,145.88 sqm.) water req.	
	Summer @ 5.5 lt./m2/day	259 KLD
	Winter @ 1.8 lt./m2/day	85 KLD
	Monsoon @ 0.5 lt./m2/day	24 KLD
7.	Treated waste water disposed off to GMADA sewer (Summer, Winter, Rainy)	1276 KLD, 1450 KLD, 1776 KLD

#### Rain water recharging

Rainwater recharging will be done from Green Area, Roof top Area and Paved Area i.e. 3,25,518.87 sqm., 3,08,504 3 sqm. and 2,54,294.71 sqm. respectively.

Assuming peak hourly rainfall of 45 mm and specific runoff coefficients, total runoff available will be 2417.5 m3/hr.

The details of rain water recharging Calculations are given below:

S. No.	Type of Surface	Catchment Area (in m2) (A)	Run off Coeff. (C)	Peak Hourly Rainfall Intensity (I)	Discharge (Run off) (in m3/hr)
1.	Green Area	3,25,518.87	0.25	0.02	1,628
2.	Paved Area	2,54,294.71	0.55	0.02	2,797
3.	Roof Area	3,08,504	0.85	0.02	5,245
Total Run Off					9,670 m3/hr
Taking 15 minutes retention time, total volume of run-off = $9,670 / 4 = 2417.5$ say 2,418 m3					
Considering size of Recharge Pit – Diameter is 4.05 m and Depth is 3 m; Volume of single recharging pit = 38.63 m3					
No. of recharge pits reqd. = 63 pits					

63 rain water recharging pits have already been constructed within the project. However, 68 rain water recharging pits have been proposed in total after expansion.

#### Solid waste generation & composition

GENERATION				
Total solid waste		10,972 kg/day of solid waste (@ 0.50 kg/capita/day for residential and @ 0.2 kg/capita/day for commercial will be generated from the project site.		
Sl. No.	Category of waste	Description	Proposed Treatment / disposal of waste	Quantity of Solid waste generation (in kg/day)
1.	Biodegradable or wet waste (@ 45%)	Green waste, food waste, paper waste and biodegradable plastics	Converted into Manure using Mechanical Composter	4,937
2.	Non-biodegradable or dry waste (@ 53%)	Combustible waste, sanitary waste like diapers, sanitary pads; recyclable waste etc.	Handed over to authorized waste pickers	5,815
3.	Domestic hazardous waste (@ 2%)	Discarded paint drums, pesticide cans, CFL bulbs, tube lights, expired medicines, broken mercury thermometers, used batteries and contaminated gauge, etc.	Disposed off to authorized vendors as per Solid Waste Management Rules, 2016.	220
Total Solid Waste Generated				10,972 kg/day

#### Solid waste handling

**Construction Phase:** The construction debris shall be recycled within the project including use in roads, low lying areas, etc. C & D waste will be handled as per C & D Rules, 2016.

Operational Phase:

Solid waste will be managed as per Solid Waste Management Rules, 2016. Solid waste will be segregated in three separate streams namely: Bio-degradable or wet waste, Non-biodegradable or dry waste and Domestic hazardous waste.

Primary collection of solid waste will be done and then it will be transferred manually using covered trolleys to common solid waste segregation area.

A separate area of 3312.74 sqm. has been earmarked for segregation of solid waste.

Biodegradable waste will be composted by use of Mechanical Composter (5 composters of 1000 kg/day capacity each).

Inert waste will be dumped to authorized dumping site. The recyclable waste shall be sold to resellers.

The hazardous waste such as waste oil from DG sets shall be collected and annually disposed off with authorized recyclers registered by PPCB.

E-waste will be managed through approved vendors and will be handled as per E- Waste (Management) Amendment Rules, 2018.

**Parking calculations**

Individual plot owners will be responsible for the provision of parking within their plot itself. While, for the commercial areas, parking requirement has been calculated as under:-

Parking Required Details:

SI. No.	Description	FAR (in sq.yds)	Norms	Required Parking (in ECS)
1.	Commercial 1	11,591.67	2 ECS/120 sq.yds	195
2.	Commercial 2	9,747.22		164
3.	Commercial 3	9,686.10		163
4.	Commercial 4	2,533.33		43
5.	Commercial 5	5,556.752		93
Total Parking Required (in ECS)				658 ECS

**Parking Proposed Details:**

SI. No.	Description	Parking Area (in sq.yds)	Proposed ECS
1.	Commercial 1	6,485.25	236
2.	Commercial 2	5,123.00	186
3.	Commercial 3	5,311.17	193
4.	Commercial 4	1,250.03	45
5.	Commercial 5	3,684.50	134
Total Parking Proposed (in ECS)			794 ECS

Thus, Parking proposed is much higher than parking required as per norms.

**Corporate social responsibility**

The project proponent is already doing following activities in the area under CSR:

- i) Running a primary health center (Dispensary) in Village Dhanauran wherein the beneficiaries are the local villagers. Free consultation and free medicines are provided. The center is running for the last 3 years.
- ii) Have successfully conducted blood donation camp.
- iii) Involved in conducting cancer awareness camp in the area along with the NGO.
- iv) Conducted awareness camp stroke talk on evils of Tobacco and liquor.
- v) Has been contributing by way of donations to the Gurdwaras in the area.
- vi) Have encouraged youth participation in regional sports events activities through sponsorships and appreciation.
- vii) Have successfully conducted first aid training camp.
- viii) Have two times held multispecialty medical camp successfully at Village Togan & Dhanaura.
- ix) The company has already contributed a sum of around Rs. 2.0 Crores towards Social Infrastructure fund which will be used for health, sports, etc. However, a sum of Rs. 1 Cr. will be used for CSR which shall be looked after by Environment

Management Cell. The key activities to be undertaken in a period of 5 year within 10 km area of the project besides above shall be: -

- x) Free distribution of sampling in the area.
- xi) Adoption of school in 10 km area by providing free books, scholarships and support infrastructure up-gradation for economically weaker sections.
- xii) DLF Foundation is opening Training Institutes in the area where various type of vocational courses would be conducted free of cost for the unemployed youth of the locality. The training courses would be based on the requirements of the industries/ business in the area and job opportunities would be generated with the help of the such training courses.
- xiii) Maintenance of village ponds in the locality in order to help recharge ground water, as well as, to provide a place for recreation for villagers

### Eco-sensitive locations

Sr. No.	Environment Sensitive locations	Distance
1.	City Bird Sanctuary, Chandigarh	10 km
2.	Sukhna Wildlife Sanctuary	11 km
3.	Sukhna lake	11 km
4.	Bajwa Institute	1.5km
5.	Punjab University	6.5 km
6.	Ratwara Gurudwara	1 km
7.	Govt. Model Sr. Secondary School, Mullanpur	2 km

### RESULTS OF AMBIENT AIR QUALITY MONITORING RESULTS (AVERAGE)

S.No.	Test Parameters	Units	A0	A1	A2	A3
1.	Particulate Matter (PM10)	µg/m <sup>3</sup>	110.8	107.4	117.4	124.9
2.	Particulate Matter (PM2.5)	µg/m <sup>3</sup>	60.5	58.7	64.1	68.3
3.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	10.6	10.3	11.3	12.0
4.	Nitrogen Oxides (as NO <sub>2</sub> )	µg/m <sup>3</sup>	23.3	22.5	24.6	26.2
5.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	40.9	39.6	43.3	46.0
6.	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	16.7	16.2	17.7	18.8
7.	Carbon Monoxide (CO)	mg/m <sup>3</sup>	<1.5	<1.5	<1.5	<1.5
8.	Lead (Pb) in Particulate Matter	µg/m <sup>3</sup>	<0.04	<0.04	<0.04	<0.04
9.	Benzo Pyrene(BaP), Particulate Phase Only	ng/m <sup>3</sup>	<0.5	<0.5	<0.5	<0.5
10.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	<2	<2	<2	<2
11.	Arsenic (As) in Particulate Matter	ng/m <sup>3</sup>	<1	<1	<1	<1
12.	Nickel (Ni) in Particulate Matter	ng/m <sup>3</sup>	<10	<10	<10	<10



## Results interpretation of ambient air

- i) Ambient Air Quality Monitoring reveals that the minimum and maximum concentrations of PM<sub>10</sub> for all the 4 Air Quality monitoring stations were found to be 107.4 µg/m<sup>3</sup> and
- ii) 124.9 µg/m<sup>3</sup> respectively, while for PM<sub>2.5</sub> it vary between 60.5 µg/m<sup>3</sup> and 68.3 µg/m<sup>3</sup>.
- iii) The higher values of PM may be due to other construction projects as well as traffic movement on Kurali-Chandigarh Road, widening of Kurali-Chandigarh Road, brick kilns operating in the area as well as traffic movement on Kurali-Chandigarh Road.
- iv) During the construction phase of expansion project, ambient air quality may further deteriorate due to construction vehicle movement as well as DG sets. Accordingly, mitigation measures like tarpaulin sheets, water sprinkling system at frequent intervals, high quality construction equipments along with compulsory PUC Certificates for all the construction vehicles as well as stack of adequate height is proposed.
- v) During the operation phase, Green Belt has been provided to mitigate the air pollution.
- vi) As DG set will only be used during power failure as power backup. So, there will be only marginal increment in the air quality pollution level. DG set will be provided with stack height of 3 m above the building as well as acoustic enclosure.
- vii) As far as the gaseous pollutants SO<sub>2</sub>, NO<sub>2</sub>, CO and VOC are concerned, the prescribed CPCB limit for residential and rural areas has never surpassed at any station.
- viii) The minimum and maximum concentrations of NO<sub>2</sub> were found to be 22.5 µg/m<sup>3</sup> and 26.2 µg/m<sup>3</sup> respectively.
- ix) The minimum and maximum concentrations of SO<sub>2</sub> were found to be 10.3 µg/m<sup>3</sup> and 12 µg/m<sup>3</sup> respectively.
- x) The minimum and maximum concentrations of NH<sub>3</sub> were found to be 39.6 µg/m<sup>3</sup> and 46 µg/m<sup>3</sup> respectively.
- xi) The prescribed CPCB limit of SO<sub>2</sub> and NO<sub>2</sub> is 80 µg/m<sup>3</sup> and CO is 4.00 mg/m<sup>3</sup> for residential and rural areas has never surpassed at any monitoring station.
- xii) The Environmental Study was conducted from both primary and secondary data collection.
- xiii) Various Environmental factors were considered and found that there is no significant impact on above said points.
- xiv) Environmental data related to water quality monitoring, noise monitoring and soil monitoring report results are shown in upcoming slides.

- xv) Analysis results of ground water revealed that pH varies from 7.48 to 7.75, Total Hardness varies from 128 to 242 mg/l., Total Dissolved Solids varies from 283 to 371 mg/l. and as hardness is exceeding the permissible limit, so WTP has been installed for water treatment system before usage of Ground water for drinking water purpose.
- xvi) Ambient noise levels were measured at 5 locations within the project location and 3 locations outside near the project.
- xvii) Minimum and maximum noise levels recorded during the day time were from 52.5 dB(A) and 58.4 dB respectively and minimum and maximum level of noise during night time were 40.2 dB and 49.6 dB respectively.
- xviii) The result shows all the values are almost near to the acceptable limit. This may be due to construction activities in Ecocity as well as within the project.
- xix) During the construction activities for expansion project, noise levels may exceed the desired limits for which PPEs will be provided to all the construction labors for mitigating the noise pollution. No construction will be done at the night time.
- xx) During the operation phase, Green Belt has been provided as well as shrubs are provided which help in reducing noise pollution. DG sets are in acoustic enclosure.
- xxi) The analysis results show that soil is neutral in nature as pH value ranges from 7.4 – 7.6 with organic matter 0.92%-1.02%.
- xxii) The concentration of Sodium (31 mg/kg to 38 mg/kg) and Potassium (24 mg/kg to 31 mg/kg) has been found in the soil samples.

**Energy saving measures:**

- i) Solar energy and alternative source of energy to reduce the fossil energy consumption will be availed by individual housing at the time of completion of construction of houses.
- ii) Energy conservation measures involve usage of LEDs, CFLs and solar street lights.
- iii) 981 LEDs and 12 CFLs lightening fixtures have been provided for external lightning within the project.
- iv) 177 solar lights have been provided within the parks of the project.

**Modified traffic scenario**

Location	Increased PCU'S- State/National Highway	V (Volume in PUC/day)	C(Capacity in PUC/day)*	Modified V/C Ratio	LOS
Near Eco City	810+4133	4,943	35,000	0.14	A
On Kurali Chandigarh Road near Eco City	1296+4133 +4860 +2500	12,789	35,000	0.36	B
Entrance of Mullanpur	2154+14981	17,135	35,000	0.49	C

IRC 064: Guidelines for Capacity of Roads in Rural Areas (First Revision)  
by The Indian Road Congress

Conclusion: The V/C ratio is found out to be on average of 0.040 and the expansion of project will result in a modified V/C ratio to be on average of 0.33. Thus, proposed road will be able to cater the increased traffic load

### **ENVIRONMENTAL MANAGEMENT PLAN**

#### **(CONSTRUCTION PHASE)**

S.NO.	Title	Budget (in Rs. Lakhs)
1.	Tree plantation & water sprinkling	2
2.	First aid including medical checkup	2
3.	Personnel protective equipments	2
	Total	Rs. 6 Lakhs

#### **(OPERATIONAL PHASE)**

S. No.	Title	Budget (in Rs. Lakhs)
1.	Sewage Treatment Plant & Underground tank	986.88
2.	Horticulture & green belt development, Tree plantation & sprinkling	860.43
3.	Solar System	69.6
4.	Rain Water Harvesting	587.76
5.	Fire Fighting	32.29
	Total amount	Rs. 2,536.96 Lakhs

### **Environmental Management Plan**

Actual Expenditure spent on Environmental Management Plan till March, 2018

S.No.	Title	Amount (in Rs. Lakhs)
1.	Sewage Treatment Plant & underground tank	949.64
2.	Horticulture & green belt development, Tree plantation & sprinkling	642.04
3.	Solar System	50.82
4.	Rain Water Harvesting	551.02
5.	Fire Fighting	28.16
6.	First Aid including medical check-up	0.10
7.	Personnel protective equipment's	0.15
8.	Air pollution control measures	0.10
9.	Noise pollution control measures	0.80
10.	Environment Monitoring	0.20
	Total amount spent till March, 2018	Rs. 2,223.03 Lakhs

### Environmental Monitoring Plan & Cost

Component	Stage	Item	Unit Cost	Quantity
Air	Construction	Total 4 AAQM locations, Parameters, PM2.5, PM10, SO2, NOx and CO	5,000/-	Twice a week in every season (3 years)
	Operation Phase	Total 4 AAQM Locations Parameters, PM2.5, PM10, SO2, NOx and CO	5,000/-	Twice a week at each location every season
Ground Water	Construction	Parameters as per IS:10500	7500/-	Six Monthly by approved laboratory for 3 years
	Operation Phase	Parameters as per IS:10500	7500/-	Six Monthly by approved laboratory for 3 years
Treated Waste Water	Operation Phase	BOD, COD, pH, TSS, Oil & Grease	4000/-	Quarterly by approved laboratory
Noise	Construction	Total 4 locations	2500/-	Quarterly by approved laboratory for 3 years
	Operation	Total 4 locations	1000/-	Quarterly by approved laboratory

Earlier, the SEAC in its 173<sup>th</sup> meeting held on 29.11.2018, considered the application filed by the project proponent and decided to forward the application to the SEIAA with the recommendations to grant environmental clearance for expansion of the Mega Housing Complex namely "Hyde Park Estate" having increase in plot area from 224.98 acres to 235.97 acres with net planned area increase from 181.86 acre to 192.84 acre alongwith built up area increase from 5,30,986.262 sqm to 7,07,101.62 sqm at Village Salamatpur, Devinagar, Bharonjian and Ratwara, Tehsil Kharar, District SAS Nagar (Mohali), unit subject to the submission of some additional documents before the final issuance of Environment clearance by the SEIAA.

Thereafter, the case was considered by the SEIAA in its 144<sup>th</sup> meeting held on 22.02.2019 and perused the recommendations made by SEAC. The SEIAA observed that the case has been recommended for grant of environmental clearance subject to submission of additional documents. SEIAA took a serious note of the same. SEIAA referred the decision taken by the SEIAA in its 87<sup>th</sup> meeting held on 30.05.2015, wherein SEAC was requested to discontinue the process of recommending the cases where complete documents/information have not been submitted by the project proponent with the application or at the time of appraisal of the case by the SEAC as there may be chances of some important information getting un-noticed which otherwise may have been important to appraise the project. It also quoted the advisory letter earlier issued vide no. 135 dated 29.01.2018 in the matter. SEIAA decided as under:

- i) To remand the case to the SEAC. The same shall be recommended to SEIAA only after taking the requisite documents from the project

- proponent on record and appraising the same in the meeting of SEAC.
- ii) To examine as to whether any area of the project is covered in old case as well as in expansion case under Punjab Land Preservation Act,1900. If no, whether NOC from the concerned Authority has been submitted in old case as well as expansion case by the project proponent.
  - iii) In future, no conditional recommendation be made to SEIAA.

In view of the above decision of the SEIAA, the case was re-considered by the SEAC in its 177<sup>th</sup> meeting held on 13.03.2019 and the same was attended by the following on behalf of the project proponent: -

- (i) Sh. Harmeet Singh, General Manager of the promoter company.
- (ii) Sh. Sandeep Garg, M/s ECO laboratories & Consultants Pvt. Ltd., Environment consultant of the promoter company.

SEAC asked the project proponent and his environmental consultant to submit the requisite documents as decided during the 173rd meeting of SEAC. To this, the project proponent has submitted the documents /clarifications. The matter was deliberated at length and issue wise gist is as under:

**1. Document/clarification sought by SEAC in 173rd meeting: Being a border line case, project proponent shall either obtain exemption certificate from the DFO, Wildlife to the effect that no wildlife sanctuary exists within 10 km from the project site or shall submit a copy of the acknowledgement alongwith a set of application submitted to the DFO, Wildlife to the SEIAA for obtaining NOC from them.**

The project proponent replied that project is located outside the Eco-sensitive zone of City Bird and Sukhna Wildlife Sanctuary respectively. Apart from this, as per MoEF&CC Notification dated 4<sup>th</sup>& 18<sup>th</sup> January, 2017; Eco-sensitive Zone varies from 80 to 125 meters from the City Bird Sanctuary comprising an area of approx.

12.0 hectares while, 2 km to 2.75 km from the boundary of the Sukhna Wildlife Sanctuary comprising an area of 1050 hectares respectively. A Toposheet showing distances of Sanctuary from project location has been submitted. A copy of the application filed for NBWL clearance has also been submitted, which was taken on record by SEAC.

**2. Document/clarification sought by SEAC in 173rd meeting: The project proponent will submit detailed calculation justifying the requirement of 68 no. rain water harvesting pits.**

To this observation, Environmental Consultant of Project Proponent replied that

- Rainwater recharging will be done from Green Area, Roof top Area and Paved Area i.e. 47,145.88 sqm, 3,08,504 sqm. and 3,01,661.46 sqm. respectively.
- Thus, assuming peak hourly rainfall of 45 mm and specific runoff coefficients, total runoff available will be 2,200 m<sup>3</sup>/hr.

- Taking 15 minutes retention time, total volume of run-off =  $8,799 / 4 = 2199.75$  say 2,200 m<sup>3</sup>
- Considering size of Recharge Pit – Diameter is 4 m and Depth is 5 m; Volume of single recharging pit = 62.8 m<sup>3</sup>
- No. of recharge pits reqd. = 35 pits
- As per MOEF&CC, minimum one recharge bore per 5,000 sqm. of built-up area needs to be provided. Thus, considering Built-up area of 7,07,101.62 sqm. No. of bores required = 142 bores  
No. of bore already constructed are  $63 \times 3 = 189$  (considering 3 bores per recharge well). However, as per MoEF&CC notification, 68 no. of pits (i.e. 204 bores) are sufficient to cater run off load from the project and thus additional 15 bores i.e. 5 recharging wells will be provided in the expansion project.

**3. Document/clarification sought by SEAC in 173<sup>rd</sup> meeting:**

**The project proponent will submit a properly drafted CER activities plan in accordance to the provisions of OM dated 01.05.2018. It will also provide timeline chart showing the starting and completion period of each activity. The amount to be spent on CER activities shall be proportionate to the amount spent on project & such activities shall run parallel to the project execution. All the activities must be completed with the completion of the project.**

Environmental Consultant of Project Proponent replied that as per OM of MoEF&CC dated 01.05.2018, amount to be spent on CER activity is Rs. 2.97 Crores (i.e. 0.25% of the project cost of Rs. 1,188.16 Crores).The project proponent has already spent Rs. 3.51 crores on CER activities under the project. The details of the same are as under:-

Financial Year	Area of Operation	Amount
<b>Healthcare</b>		
2012-13	Primary Health Clinic, Dhanaura, Mohali	16,44,075
2013-14	Primary Health Clinic, Dhanaura, Mohali	18,27,724
2014-15	Primary Health Clinic, Dhanaura, Mohali	19,03,420
2015-16	Primary Health Clinic, Dhanaura, Mohali	18,79,020
2016-17	Primary Health Clinic, Dhanaura, Mohali	19,95,864
2017-18	Primary Health Clinic, Dhanaura, Mohali	19,67,601
2018-19	Primary Health Clinic, Dhanaura, Mohali	4,45,881
2014-15	Mobile Medical Unit, Mohali	20,04,937
2015-16	Mobile Medical Unit, Mohali	19,26,320
2016-17	Mobile Medical Unit, Mohali	20,72,549
2017-18	Mobile Medical Unit, Mohali	20,31,796

<b>Skill Development</b>		
2012-13	Skill Centre, Dhanaura, Mohali	5,00,000
2013-14	Skill Centre, Dhanaura, Mohali	5,00,000
2014-15	Skill Centre, Dhanaura, Mohali	5,00,000
2015-16	Skill Centre, Dhanaura, Mohali	5,00,000
2016-17	Skill Centre, Dhanaura, Mohali	2,50,000
2017-18	Skill Centre, Dhanaura, Mohali	17,00,000
2018-19	Construction of Police Station, Mohali	25,00,000
<b>Avenue Plantation</b>		
2016-17	Horticulture work at Chandigarh Mullanpur Road	72,97,211
2016-17	Sprinkler Irrigation work at Chandigarh Mullanpur Road	17,37,336
<b>Total Amount in Rs</b>		<b>3.51Cr</b>

4. **Document/clarification sought by SEAC in 173<sup>rd</sup> meeting : The project proponent shall explore the possibility of segregating the black and grey streams (if possible, being ongoing project) and provide separate treatment arrangements and dual plumbing system to utilize the treated effluent as per the end use.**

Environmental Consultant of Project Proponent responded that Services have already been laid in the EC accorded portion and STP of sufficient capacity to cater the load after expansion has also been installed. Only in expansion part, service lines are to be laid and connected to existing sewer line. Thus, it is not feasible to segregate grey and black streams.

5. **Document/clarification sought by SEAC in 173<sup>rd</sup> meeting: A revised Environment Management Plan (EMP) mentioning the capital costs during construction/operational phase as well as the operational costs will be submitted.**

Environmental Consultant of Project Proponent submitted the revised Environment Management Plan (EMP) mentioning the capital costs during construction/operational phase as well as the recurring cost during operation phase is given below:

**ENVIRONMENTAL MANAGEMENT PLAN (CONSTRUCTION PHASE)**

<b>Sr. No.</b>	<b>Title</b>	<b>Capital cost (in Rs.Lacs)</b>	<b>Recurring cost / annum (in Rs.Lacs)</b>
1.	Sewage Treatment Plant & Underground tank	986	-
2.	Horticulture & green belt development, Tree plantation & sprinkling	892	5
3.	Solar System	70	-
4.	Rain Water Harvesting	587	-
5.	Fire Fighting	32	-
6.	First aid including medical checkup	-	0.2
7.	Personnel protective equipments	-	0.3
8.	Air pollution control measures	-	0.2
9.	Noise pollution control measures	-	1.6
10.	Environmental Monitoring	-	1
	<b>Total</b>	<b>Rs. 2,567 Lacs*</b>	<b>Rs. 8.3 Lakhs</b>

\***Note:** Out of Rs. 2,567 Lacs, Rs. 2,223.03 Lakhs have already been spent on EMP till March, 2018.

<b>Sr No.</b>	<b>Title</b>	<b>Amount spent (in Rs. Lacs)</b>
1.	Sewage Treatment Plant & underground tank	949.64
2.	Horticulture & green belt development, Tree plantation & sprinkling	642.04
3.	Solar System	50.82
4.	Rain Water Harvesting	551.02
5.	Fire Fighting	28.16
6.	First Aid including medical check-up	0.10
7.	Personnel protective equipments	0.15
8.	Air pollution control measures	0.10
9.	Noise pollution control measures	0.80
10.	Environment Monitoring	0.20
<b>Total amount spent till March, 2018</b>		<b>Rs. 2,223.03 Lakhs</b>

**ENVIRONMENTAL MANAGEMENT PLAN  
(OPERATIONAL PHASE)**



<b>S. No.</b>	<b>Title</b>	<b>Projected Recurring cost / annum (in Rs. Lacs)</b>
1.	Sewage Treatment Plant & Underground tank	12.5
2.	Horticulture & green belt development, Tree plantation & sprinkling	23
3.	Solar System	2
4.	Rain Water Harvesting	3
5.	Fire Fighting	1
6.	Air pollution control measures	0.5
7.	Noise pollution control measures	2
8.	Environmental Monitoring	1
	<b>Total</b>	<b>Rs. 45 Lakhs</b>

SEAC deliberated with the project proponent to clarify where the amount has been spent in Primary Health center, Dhanaura, Mohali & Skill development center from 2012 to 2019. To this, the project proponent informed that new medical equipment's & new computers have been provided and renovation has been done. To this, SEAC asked the project proponent to show any documentary evidence in support of claim made by him.

The project proponent was unable to give the proper reply in the matter. SEAC was not satisfied from the reply submitted by the project proponent. As such, SEAC asked the project proponent to submit CA Certified document as an evidence to the amount spent on the CER activities carried out for the period 2012 to 2019.

SEAC further observed that amount already spent on CSR activities for the EC granted project can not be considered for expansion project in question. Therefore, revised CER activities to be done strictly in accordance with the provisions of OM dated 01.05.2018 and amount to be spent on CER activities for the expansion project shall be in proportion to the cost of the expansion project . To this, the project proponent sought some time.

**6. Document/clarification sought by SEAC in 173<sup>rd</sup> meeting: The project proponent shall provide STP based on Modular system as per the trends**

**of the growing population by ensuring proper detention time of untreated effluent in the collection/equalization tank to avoid the septic conditions and efficient operation of STP.**

Environmental Consultant of Project Proponent submitted that STP of 3

MLD capacity has already been installed within the project premises. Further, 3 modules of 1 MLD each have been provided & each module can treat 5 batches of 200 KL of sewerage. On an average, plant shall be able to treat approx. 100 KL flow per day. Certificate in this regard from STP supplier has also been submitted.

**7. Document/clarification sought by SEAC in 173<sup>rd</sup> meeting: The project proponent shall submit necessary supporting documents regarding change of name of the developer from M/s DLF Universal Ltd. to M/s DLF Home Developers Ltd.**

The Project Proponent submitted that DLF Universal Ltd. stands demerge with another company i.e. M/s. DLF Home Developers Ltd. pursuant to the orders dated 29<sup>th</sup> March, 2016 and 11<sup>th</sup> Nov, 2016 of Hon'ble Court of Punjab & Haryana and Hon'ble High court of Delhi respectively. A copy of orders of Hon'ble Court has also been submitted.

**8. Document/clarification sought by SEAC in 173<sup>rd</sup> meeting: As to whether any area of the project is covered in old case as well as in expansion case under Punjab Land Preservation Act,1900. If no, whether NOC from the concerned Authority has been submitted in old case as well as expansion case by the project proponent.**

To another query of SEAC regarding PLPA, the project proponent submitted that khasra nos. of Mega Housing Complex project namely "Hyde Park Estate" being developed on scheme area of 235.97 acres are not part of controlled list given by Punjab Land Preservation Act, 1990. Moreover, Forest NOC for our expansion land i.e. 11.04 acres has been obtained. A copy of the same has been submitted, which was taken on record by SEAC.

With respect to DFO approval for the existing project, it is submitted that no forest land is involved in their existing project and Environmental clearance has already been granted for existing projects. However, application has been filed to DFO vide Letter No. 4323 dated 12.3.2019 for obtaining NOC. A copy of the same has been submitted, which was taken on record by SEAC.

After detailed deliberations, SEAC decided to defer the case and asked the project proponent to submit the following documents: -

- 1) CA Certified document as an evidence to the amount spent on the CER activities carried out for the period 2012 to 2019.
- 2) Revised CER activities schedule with time lines strictly in accordance with the provisions of OM dated 01.05.2018 with amount to be spent on CER activities shall be in accordance to the cost of expansion project without taking benefit of CSR/ CER activities already done for existing project.
- 3) A copy of permission from the DFO to the effect that existing area of the project does not falls under PLPA, 1900.

The case was placed in 178<sup>th</sup> meeting of SEAC held on 15.04.2019 and the same was attended by Dr. Sandeep Garg, MD, M/s ECO laboratories & Consultants Pvt. Ltd., Environment consultant of the promoter company. He stated that the project proponent is not able to attend the meeting due to some

unavoidable circumstances and requested to consider the case in the next meeting of SEAC. An email dated 12.04.2019 was also received from the consultant wherein, they have forwarded a copy of request letter received from the Sh. Harpreet Singh, Authorized Signatory mentioning that due to unavoidable circumstances, he will not be able to present his case in 178<sup>th</sup> meeting of SEAC & requested to consider the case in next meeting of SEAC.

SEAC accepted the request of the project proponent & decided to defer the case in light of the request submitted by the project proponent and OM dated 25.02.2010 of MoEF&CC and ask the project proponent to attend the next meeting as and when called for.

The Project Proponent has submitted the reply on 23.09.2019, which is annexure as Annexure-3 of the Agenda .

The case was considered by the SEAC in its 186<sup>th</sup> meeting held on 26.12.2019, which was attended by the following: -

- i) Sh. Manpreet Wahi, Sr. Manager, on behalf of project proponent.
- ii) Sh. Sandeep Garg, EIA-Co-ordinator, M/s Eco-laboratories& Consultants Pvt. Ltd., Mohali, Environment Consultant of the promoter company.
- iii) Ms. Pariyanka Madan, M/s Eco-laboratories & Consultants Pvt. Ltd, Environment Consultant of the promoter company

Environmental Consultant of the Project proponent submitted the reply as under:-

<b>S.No.</b>	<b>Additional Queries raised by SEAC</b>	<b>Reply</b>
1.	CA Certified document as an evidence to the amount spent on the CER activities carried out for the period 2012 to 2019.	CA certified bills amounting Rs. 1,96,03,356/- spent under CSR during the period from 2012 to 2019. Summary sheet along with CA certified bills submitted as <b>Annexure 1(a) &amp; 1(b)</b> respectively.
2.	Revised CER activities schedule with time lines strictly in accordance with the provisions of OM dated 01.05.2018 with amount to be spent on CER activities shall be in accordance to the cost of expansion project without taking benefit of CSR/ CER activities already done for existing project.	Revised CER activities schedule has been prepared based on the criteria of 0.25% of expansion cost (Rs. 709.89 Crores) which amounts to Rs. 1.77 Crores. CER undertaking submitted as <b>Annexure 2.</b>
3.	A copy of permission from the DFO to the effect that existing area of the project	Permission has been obtained from DFO stating that the project does not fall under PLPA, 1900.

	does not falls under PLPA, 1900.	Copies of NOCs for existing as well as expansion part submitted as <b>Annexure 3(a) &amp; (b)</b> respectively.
--	----------------------------------	---

The Committee observed that the project proponent has provided adequate and satisfactory clarifications to the observations raised by it. Therefore, the Committee awarded 'Silver Grading' to the project proposal and decided to forward the case to the SEIAA with the recommendation to grant environmental clearance to the project proponent for Expansion of Mega Housing Complex namely "Hyde Park Estate" located at Village Salamatpur, Devinagar, Bharonjian, Ratwara and Mullanpur Garibdas, Tehsil Kharar, District SAS Nagar (Mohali), Punjab at in an area 9,54,936.709 m<sup>2</sup> (or 235.97 acres) having built up area ,7,07,101.62 m<sup>2</sup> subject to the following salient features and conditions in addition to the proposed measures:

<b>S.No.</b>	<b>Item</b>	<b>Details</b>																		
1.	Online Proposal No.	SIA/PB/NCP /25993/2017																		
2.	Name and Location of the project	Expansion of Mega Housing Complex namely "Hyde Park Estate" located at Village Salamatpur, Devinagar, Bharonjian, Ratwara and Mullanpur Garibdas, Tehsil Kharar, District SAS Nagar (Mohali), Punjab.																		
3.	Latitude & Longitude	<p>Few corner coordinates are given below:</p> <table border="1"> <thead> <tr> <th><b>Corner</b></th> <th><b>Latitude</b></th> <th><b>Longitude</b></th> </tr> </thead> <tbody> <tr> <td>Corner-A</td> <td>30°48'45.11" N</td> <td>76°43'19.94" E</td> </tr> <tr> <td>Corner-B</td> <td>30°48'55.43" N</td> <td>76°43'38.21" E</td> </tr> <tr> <td>Corner-C</td> <td>30°48'11.17" N</td> <td>76°43'39.33" E</td> </tr> <tr> <td>Corner-D</td> <td>30°48'0.26" N</td> <td>76°44'4.15" E</td> </tr> <tr> <td>Corner-E</td> <td>30°47'56.08" N</td> <td>76°44'2.53" E</td> </tr> </tbody> </table>	<b>Corner</b>	<b>Latitude</b>	<b>Longitude</b>	Corner-A	30°48'45.11" N	76°43'19.94" E	Corner-B	30°48'55.43" N	76°43'38.21" E	Corner-C	30°48'11.17" N	76°43'39.33" E	Corner-D	30°48'0.26" N	76°44'4.15" E	Corner-E	30°47'56.08" N	76°44'2.53" E
<b>Corner</b>	<b>Latitude</b>	<b>Longitude</b>																		
Corner-A	30°48'45.11" N	76°43'19.94" E																		
Corner-B	30°48'55.43" N	76°43'38.21" E																		
Corner-C	30°48'11.17" N	76°43'39.33" E																		
Corner-D	30°48'0.26" N	76°44'4.15" E																		
Corner-E	30°47'56.08" N	76°44'2.53" E																		
4.	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006	The project falls under Schedule 8(b) - 'Townships and Area Development projects' Category B.																		
5.	Whether the project is in critical polluted area or not.	No, the project does not falls in critical polluted area																		
6.	If the project involves diversion of forest land. If yes, a. Extent of the forest land. b. Status of the forest	Project obtained permission from Forest Department vide no 4419 dated 23.08.2016 and 2673 dated 29.07.2019 .																		

	clearance.													
7.	<p>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.</p> <p>b. Is the project covered under PLPA,1900, if yes then Status of the NOC w.r.t PLPA, 1900.</p>	Project is not covered under PLPA 1900. However, NOC has been obtained from DFO, S.A.S. Nagar for a total area of 192.9 acres.												
8	<p>If the project falls within 10 km of eco-sensitive area/ National park/Wild Life Sanctuary. If yes,</p> <p>a. Name of eco-sensitive area/ National park/Wild Life Sanctuary and distance from the project site.</p> <p>b. Status of clearance from National Board for Wild Life (NBWL).</p>	City Bird Sanctuary and Sukhna Wildlife Sanctuary are at a distance of approx. 8.8 km & 7.25 km respectively from the project location. Thus, NBWL application has already been filed vide proposal no FP/PB/Others/3990/2019 dated 12.03.2019 .												
9.	Classification/Land use pattern as per Master Plan	The project falls under Residential zone as per Master plan of Mullanpur.												
10.	Cost of the project	The cost of the project after expansion is estimated to be Rs. 1,188.16 Crores.												
11.	Total Plot area, Built- up Area and Green area	<p>The details of project is as under:</p> <table border="1"> <thead> <tr> <th>S.No.</th> <th>Description</th> <th>Area after expansion</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Plot area (Total scheme area)</td> <td>9,54,936.709 m<sup>2</sup> (or 235.97 acres)</td> </tr> <tr> <td>2.</td> <td>Built-up area</td> <td>7,07,101.62 m<sup>2</sup></td> </tr> <tr> <td>3.</td> <td>Green area</td> <td>47,145.88 m<sup>2</sup></td> </tr> </tbody> </table>	S.No.	Description	Area after expansion	1.	Plot area (Total scheme area)	9,54,936.709 m <sup>2</sup> (or 235.97 acres)	2.	Built-up area	7,07,101.62 m <sup>2</sup>	3.	Green area	47,145.88 m <sup>2</sup>
S.No.	Description	Area after expansion												
1.	Plot area (Total scheme area)	9,54,936.709 m <sup>2</sup> (or 235.97 acres)												
2.	Built-up area	7,07,101.62 m <sup>2</sup>												
3.	Green area	47,145.88 m <sup>2</sup>												
12.	Population (when fully operational)	Estimated population: 22,643 Persons.												
13.	Water Requirements &	During construction phase, water demand will be of												

	source in Construction Phase	approx. 10 KLD. The water requirement is being met from existing STP of 3 MLD. Domestic water demand for 125 workers during peak period @ 8 KLD is being provided by water tankers.						
14.	Break up of Water Requirements & source in Operation Phase (Summer, Rainy, Winter):							
	S. No	Season	Fresh water		Reuse water			Total (KLD)
			Domestic (KLD)	Others (KLD)	Flushing (KLD)	Green area (KLD)	HVAC (KLD)	
	1.	Summer	2178	-	796	259	-	3,233
	2.	Winter	2178	-	796	85	-	3,059
	3.	Rainy	2178	-	796	24	-	2,998
	<b>S.No.</b>	<b>Description</b>			<b>Source of water</b>			
	1.	Domestic			Borewell			
	2.	Others (Pl define)			-			
	3.	Flushing purposes			Treated wastewater			
	4.	Green area			Treated wastewater			
	5.	HVAC			-			
15.	Treatment & Disposal arrangements of waste water in Construction Phase		Already installed STP of 3 MLD within project premises. Treated water from STP will be used for existing green area.					
16.	Disposal Arrangement of Waste water in Operation Phase		Total wastewater generation will be 2,649 KLD which will be treated in already installed STP of 3 MLD based on SBR technology within project premises.					
			<b>Season</b>	<b>Flushing (KLD)</b>	<b>Green area (KLD)</b>	<b>GMADA Sewer (KLD)</b>		
			Summer	796	259	1,276		
			Winter	796	85	1,450		
			Monsoon	796	24	1,776		
17.	Rain water recharging detail		8,799 m <sup>3</sup> /hr rain water will be collected in already constructed. 63 nos. of recharging pits with triple bore to recharge the rooftop rainwater of buildings after treatment through oil & Grease traps.					

18.	Solid waste generation and its disposal	<p>a) 10,972 kg/day</p> <p>b) Solid wastes will be appropriately segregated (at source) by providing bins into Bio-degradable and non-biodegradable Components.</p> <p>c) 4,937 kg/day of bio-degradable will be Converted into Manure using Mechanical Composters.</p> <p>d) 5,815 kg/day of non-biodegradable or dry waste will be handed over to authorized waste pickers</p> <p>e) 220 kg/day of domestic hazardous waste will be disposed off to authorized vendors as per Solid Waste Management Rules, 2016.</p>												
19.	Hazardous Waste & E-Waste	Used oil from DG sets will be sold to registered recyclers and E-waste will be disposed off as per the E-waste (Management) Amendment Rules 2018.												
20.	Energy Requirements & Saving	<p>a) 17,294.8 KVA from PSPCL.</p> <p>b) 8 DG sets of 14,250 kVA capacity (i.e. 6 × 2,000 + 1 × 1,500 + 1 × 750)</p> <p><u>Energy Saving measures:</u></p> <ul style="list-style-type: none"> <li>• Solar panels will be availed by individual housing at the time of completion of construction of houses.</li> <li>• Energy conservation measures involve usage of LEDs, CFLs and solar street lights</li> <li>• 981 LEDs and 12 CFLs lightening fixtures have been provided for external lightning within the project.</li> <li>• 177 solar lights have been provided within the parks of the project</li> </ul>												
21.	Environment Management Plan along with Budgetary break up phase wise and responsibility to implement	<p>During construction phase, Rs. 2567 lakhs as capital &amp; Rs. 8.3 lakhs as recurring will be spent on EMP. While, during operation phase, Rs. 45 lakhs will be spent as recurring cost per annum for implementation of the EMP.</p> <table border="1" data-bbox="647 1547 1457 1756"> <thead> <tr> <th>Description</th> <th>Capital cost (lakhs)</th> <th>Recurring cost (lakhs)</th> <th>Monitoring of Air, Noise, water (per annum) Rs.</th> </tr> </thead> <tbody> <tr> <td>Construction</td> <td>2,567*</td> <td>7.3</td> <td>1</td> </tr> <tr> <td>Operation</td> <td>-</td> <td>44</td> <td>1</td> </tr> </tbody> </table> <p>* Out of Rs. 2,567 Lakhs, Rs. 2,223.03 Lakhs have already been spent on EMP till March, 2018.</p>	Description	Capital cost (lakhs)	Recurring cost (lakhs)	Monitoring of Air, Noise, water (per annum) Rs.	Construction	2,567*	7.3	1	Operation	-	44	1
Description	Capital cost (lakhs)	Recurring cost (lakhs)	Monitoring of Air, Noise, water (per annum) Rs.											
Construction	2,567*	7.3	1											
Operation	-	44	1											
22.	CER activities along with budgetary break up and responsibility to implement													

Mr. Harmeet Singh (Authorized Signatory) of M/s. DLF Home Developers Ltd. will be responsible for implementation of CER (Corporate Environmental Responsibility) within 5 year time. Rs. 1.77 Crores has been planned to be reserved for CER. The following activities have been proposed to be covered under CER:

S.No.	Activities	Timeline (2019 to 2024)					Total Expenditure in 5 Years (in lakh)
		2019 -20 Expenditure (in lakh)	2020 -21 Expenditure (in lakh)	2021 -22 Expenditure (in lakh)	2022 – 23 Expenditure (in lakh)	2023 -24 Expenditure (in lakh)	
1	Skill center in Village Ratwara	NIL	11	10	4	2	27
2	Adoption of pond in Village Ratwara	10	32	30	2	1	75
3	Installation of 10 no. of solar lights in Village Bharonjian	2	6	5	1	1	15
4	Construction of Toilets for Govt. Senior Secondary School, Mullanpur Garibdass	2	5	1	1	1	10
5	Shuttle service from Village Salamatpur to PGIMER, Chandigarh	NIL	15	15	10	10	50
	<b>Total</b>	<b>14</b>	<b>69</b>	<b>61</b>	<b>18</b>	<b>15</b>	<b>177</b>

#### **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 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 Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board / Committee.
- vi) The project proponent shall obtain the necessary permission for drawl of ground water/ surface water required for the project from the competent authority.
- vii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- viii) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- ix) The provisions of the Solid Waste (Management) Rules, 2016, E-Waste (Management) Rules, 2016, Construction & Demolition Waste Rules, 2016 and the Plastics Waste (Management) Rules, 2016 shall be followed.
- x) The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
- xi) The project site shall conform to the suitability as prescribed under the provisions laid down under the master plan of respective city/ town. For that, the project proponent shall either to submit the NOC/ land use conformity certificate from Deptt of Town and Country Planning or other concerned Authority under whom jurisdiction, the site falls.
- xii) Besides above, the project proponent shall also comply with siting criteria / guidelines, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of projects.
- xiii) The project proponent shall get the layout plans approved from the Competent Authority for the activities / establishments to be set up at project site in consonance of the project proposal for which this environment clearance is applied.

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

- i) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- ii) A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.

- iii) The project proponent shall install system to carryout Ambient Air Quality monitoring for common /criterion parameters relevant-to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.
- iv) Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v) Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3m height or 1/3rd of the building height and maximum upto 10m). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
- vi) No Excavation of soil shall be carried out without adequate dust mitigation measures in place.
- vii) No loose soil or sand or construction & demolition waste or any other construction material that causes dust shall be left uncovered.
- viii) No uncovered vehicles carrying construction material and waste shall be permitted
- ix) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- x) Grinding and Cutting of building material in open area shall be prohibited. Wet jet shall be provided for grinding and stone cutting.
- xi) Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- xii) All construction and demolition debris shall be stored at the site within earmarked area and road side storage of construction material and waste shall be prohibited. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
- xiii) The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xiv) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided

to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.

- xv) For indoor air quality the ventilation provisions as per National Building Code of India.
- xvi) Roads leading to or at construction site must be paved and blacktopped (i.e. metallic road)
- xvii) Dust Mitigation measures shall be displayed prominently at the construction site for easy public viewing.
- xviii) Construction and Demolition Waste Processing and Disposal site shall be identified and required dust mitigation measure be notified at the site. .

### III. Water quality monitoring and preservation

- i) The natural drain system should be maintained for ensuring unrestricted flow of water.
- ii) No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- iii) Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
- iv) The total water requirement for the project will be 2974 KL/day, which shall be met through groundwater & treated wastewater. Total fresh water use shall not exceed 2178 KL/day the proposed requirement as provided in the project details.
- v) a)The total wastewater generation from the project will be 2649 KL/day, which will be treated in existing STP of capacity @ 3.0 MLD installed within the project premises. As proposed, reuse of treated wastewater and discharge of surplus treated wastewater shall be as under:-

S. No.	Season	For Flushing purposes (KLD)	Green Area (KLD)	GMADA Sewer (KLD)
1.	Summer	796	259	1276
2.	Winter	796	85	1450
3.	Rainy	796	24	1776

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 waste water generated from swimming pool(s) shall not be discharged and the same shall be reused within the premises for purposes such as horticulture, HVAC etc.
- viii) 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.
- ix) 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.
- x) 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.
- xi) 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.
- xii) The respective project proponent shall discourage the installation of R.O. plants in their projects in order to save the wastage in form of RO reject. However, in case the requirement of installing RO plant is utmost necessary then the rejected stream from the RO shall be separated and shall be utilized by storing the same within the particular component i.e. (Tower/Mall) or in a common place in the project premises.
- xiii) 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.
- xiv) The project proponent will provide plumbing system for reuse of treated wastewater for flushing/ HVAC/ other purposes etc. and colour coding of

different pipe lines carrying water/wastewater from different sources / treated wastewater as follows:

<b>Sr. No</b>	<b>Nature of the Stream</b>	<b>Color code</b>
a)	Fresh water	Blue Color
b)	Untreated wastewater from Toilets/ urinal & from Kitchen	Black color
c)	Untreated wastewater from Bathing/shower area, hand washing (Washbasin / sinks) and from Cloth Washing	Grey color
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 color
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 Color

- xv) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xvi) The CGWA provisions on rain water harvesting should be followed. Rain water harvesting recharge pits/structure (68 Nos) /storage tanks shall be provided for ground water recharging as per the CGWB norms.
- xvii) A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xviii) All recharge should be limited to shallow aquifer.
- xix) 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.
- xx) 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.

- xxi) 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.
- xxii) Sewage shall be treated in the STP with tertiary treatment. STP shall be installed in phased manner viz a viz in module system designed in a such a way so as to efficiently treat the waste water with increase in its quantity due to rise in occupancy. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. No treated water shall be disposed in to municipal stormwater drain.
- xxiii) No sewage or untreated effluent water would be discharged through storm water drains. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
- xxiv) Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
- xxv) 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 CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- v) Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1 % of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
- vi) Solar power by utilizing at least 30% of the roof top area shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

## **VI. Waste Management**

- i) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- ii) Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iii) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- iv) Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed for treatment and disposal of the waste.



- v) All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
- vi) Any hazardous waste generated during construction phase, shall be disposed of as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii) Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
- viii) Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27<sup>th</sup> August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
- ix) Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- x) Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

## **VII. Green Cover**

- i) No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
- ii) At least single line plantation all around the boundary of the project as proposed shall be provided. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. A minimum of one tree for every 80 sqm of total project land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. The plantation should be provided as per SEIAA guidelines.
- iii) Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1: 10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and



maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.

- iv) Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
- v) The project proponent shall not use any chemical fertilizer /pesticides /insecticides and shall use only Herbal pesticides/insecticides and organic manure in the green area.
- vi) The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use.

### **VIII. Transport**

- i) A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
  - a) Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
  - b) Traffic calming measures.
  - c) Proper design of entry and exit points.
  - d) Parking norms as per local regulation.
- ii) Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- iii) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- iv) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be

fully internalized and no public space should be utilized.

#### **IX. Human health issues**

- i) All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii) For indoor air quality the ventilation provisions as per National Building Code of India.
- iii) Emergency preparedness plan based on the Hazard identification and Risk Assessment (HJRA) and Disaster Management Plan shall be implemented.
- iv) 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.
- v) Occupational health surveillance of the workers shall be done on a regular basis.
- vi) A First Aid Room shall be provided in the project both during construction and operations of the project.

#### **X. Corporate Environment Responsibility**

- i) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities for spending at least minimum amount of Rs. 1.77 crore towards following CER activities. The details are given below: -

S.No.	Activities	Timeline (2019 to 2024)					Total Expenditure in 5 Years (in lakh)
		2019 -20 Expenditure (in lakh)	2020 -21 Expenditure (in lakh)	2021 -22 Expenditure (in lakh)	2022 – 23 Expenditure (in lakh)	2023 -24 Expenditure (in lakh)	
1	Skill center in Village Ratwara	NIL	11	10	4	2	27
2	Adoption of pond in Village Ratwara	10	32	30	2	1	75
3	Installation of 10 no. of solar lights in Village Bharonjian	2	6	5	1	1	15
4	Construction of Toilets for Govt. Senior Secondary	2	5	1	1	1	10

	School, Mullanpur Garibdass						
5	Shuttle service from Village Salamatpur to PGIMER, Chandigarh	NIL	15	15	10	10	50
	<b>Total</b>	<b>14</b>	<b>69</b>	<b>61</b>	<b>18</b>	<b>15</b>	<b>177</b>

- ii) 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.
- iii) A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. The project proponent shall spend minimum amount of Rs 2567 Lacs towards capital cost and Rs 8.3 Lacs/annum towards recurring cost in Construction phase of the project including the environmental monitoring cost and shall spend minimum amount of Rs 45 Lacs/annum towards 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 environmental management plan is transferred to the occupier/residents society under proper MOU under intimation to SEIAA, Punjab. Year wise progress of implementation of 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 MoEFCC/SEIAA website where it is displayed.
- iv) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- v) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- vi) The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at Environment Clearance portal.
- vii) The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- viii) The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- ix) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x) The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- xi) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xii) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under

the provisions of Environment (Protection) Act, 1986.

- xiii) The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiv) The 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.

The case was placed in the 160<sup>th</sup> meeting of SEIAA on 30.01.2020, which was attended by the following:

1. Sh.Manpreet Wahi (Senior Manager) of the promoter company.
2. Sh. Sandeep Garg, Environmental Consultant, M/s Eco Laboratories and Consultants pvt. Ltd.

Environmental Consultant of the promoter company presented the salient features of the project and requested for grant of environmental clearance.

SEIAA raised the following queries to the project proponent to which the project proponent replied as under:

Sr. No.	Observations	Reply
1	Whether permission from Department of Forests has been obtained or not?	The project proponent submitted that the permission from forest department has been obtained vide letter no. 4419 dated 23.08.2016 abd 2673 dated 29.07.2019.
2	Whether there is increase in FAR alongwith the increase in the land	The project proponent informed that the FAR has also increased from 2.0 to 2.6.

	area.	
3.	Whether sewer has been laid down by GMADA in the area?	No sewer line has been laid down by GMADA. Till the time GMADA lays down the sewer, the treated wastewater will be utilized onto land for plantation.

During discussions, representative of the promoter company agreed to comply with fully all the conditions as mentioned by SEAC except the condition no. vii) of III. Water quality monitoring and preservation as the no swimming pool has been proposed in the project.

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. A copy of presentation was taken on record by SEIAA.

Therefore, the Authority decided to accept the recommendations of SEAC and grant Environmental Clearance for establishment of a residential project having a built up area 7,07,101.62 sqm in total land area of 954936.709 sqm located at village Salamatpur, Devinagar, Bharonjian, Ratwara and Mullanpur Garibdas, Tehsil Kharar, District SAS Nagar, Punjab, as per the details mentioned in Form 1, 1A, EMP & subsequent presentations/ clarifications made by the project proponent and his Environmental Consultant, proposed measures and with the following amendments in the conditions as proposed by SEAC:

**Condition to be deleted**

**Condition no. vii) of III. Water quality monitoring and preservation**

- vii) The waste water generated from swimming pool(s) shall not be discharged and the same shall be reused within the premises for purposes such as horticulture, HVAC etc.

**Conditions to be amended as under:**

**Condition no. iv) of V. Energy Conservation measures**

- iv) Energy conservation measures like installation of LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.

**Item No. 160.08: Application for obtaining Environmental clearance under EIA notification dated 14.09.2006 for expansion of the project namely Chitkara University, Rajpura, Patiala (Punjab) located at H. B. No. 262 & 263 Jhansla & Fatehpur Garhi Rajpura, Distt. Patiala, Punjab by M/s Chitkara Educational Trust, 1097, SECTOR 18-C, Chandigarh. (Proposal No. SEIAA/ PB/ NCP/35596/ 2019)**

SEIAA observed that

The project proponent has applied for obtaining Environmental Clearance under EIA notification dated 14.09.2006 for expansion of the project namely Chitkara University, Rajpura, Patiala (Punjab) located at H. B. No. 262 & 263 Jhansla & Fatehpur Garhi Rajpura, Distt. Patiala, Punjab. The project proponent has deposited requisite fee Rs 127000/- as per the Govt. Notification dated 27.06.2019.

The project proponent was issued ToRs were issued to the project proponent vide letter no 1180-82 dated 09.12.2019.

The case was considered by SEAC in its 186th meeting held on 26.12.2019 and was attended by the following on behalf of the project proponent:

- i) Sh. Kamal Kishore, Director (Projects) and Sh. S.C.Sharma, Registrar, M/s Chitkara University.
- ii) Sh. Sumitana Dutta (FAE) and Sh. Sandeep Singh (FAE), M/s CPTL, Mohali, Environmental Consultant of the project proponent.

SEAC allowed the project proponent to present the salient features of the project and the Environmental Consultant of the same presented as under:

<b>S.No</b>	<b>Item</b>	<b>Details</b>
1.	Name and Location of the project	<b>Chitkara University</b> Village Jhansla & Fatehpur Garhi, NH 07 (Chandigarh-Patiala NH), Tehsil Rajpura, Distt. Patiala – 140 401 (Punjab)
2.	Latitude & Longitude	30 <sup>0</sup> 30'52" N, 76 <sup>0</sup> 39'48" E

3.	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006	Category 8(b) – Total built up area >150000 m <sup>2</sup>
----	--	---

4.	Whether the project is in critical polluted area or not.	No
5.	If the project involves diversion of forest land. If yes, a. Extent of the forest land. b. Status of the forest clearance.	Yes – 0.0169 Ha for approach Road FCA obtained
6.	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
7.	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

8.	Classification/Land use pattern as per Master Plan	Mixed Land Use			
9.	Cost of the project	<b>Existing</b> <b>Rs. 235 Crores</b>	<b>Proposed</b> <b>Rs. 120 Crores</b>	<b>Total</b> <b>Rs. 355 Crores</b>	
10.	Total Plot area, Built-up Area and Green area		<b>Existing</b>	<b>Proposed</b>	<b>Total</b>
		Total land area (net)	~159928 m <sup>2</sup> (~39.52 acres)	~96877 m <sup>2</sup> (~23.93 acres)	~256805 m <sup>2</sup> (63.45 acres)



		Total built-up area, m <sup>2</sup>	~146367.64	~117110.60	~263478.24			
		Area under parks/play grounds/green area, m <sup>2</sup>	~28540.72 (~18.7%)	~15313.29 m <sup>2</sup>	~43854.01 m <sup>2</sup> (~17.1%)			
11.	Population (when fully operational)		<b>Existing</b>	<b>Proposed</b>	<b>Total</b>			
		Expected population (fixed)	~4100	~1600	~5700			
		Expected population (floating)	~9900	~3100	~13800			
12.	Water Requirements & source in Construction Phase	~25 KLD To be met from treated wastewater from the existing STP in premises						
13.	Break up of Water Requirements & source in Operation Phase (Summer, Rainy, Winter):							
14.	Sr. No.	Season	Fresh Water		Reuse water		Total KLD	
			Domestic	Others (PI define) KLD	For Flushing purposes KLD	Green Area KLD		HVAC If any KLD
	1.	Summer	570		460	240		1350
	2.	Winter	570		460	70		1350
	3.	Rainy	570		460	110		1350
	Source of Water		Purposes Domestic Others For Flushing purposes Green Area HVAC If any		Source Ground water Treated wastewater			
15.	Treatment & Disposal arrangements of waste water in Construction Phase	Existing STP Plantation area ~5.81 acres (in addition to the green area within the campus)						
16.	Disposal Arrangement of	Total = ~830 KLD, which will be treated in the STP of capacity ~1200 KLD installed in the project premises.						

	Waste water in Operation Phase	<table border="1"> <thead> <tr> <th>Sr.No.</th> <th>Season</th> <th>For Flushing purposes (KLD)</th> <th>Green Area sqm (KLD)</th> <th>Plantation area, if any (KLD)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Summer</td> <td>460</td> <td>240</td> <td>130</td> </tr> <tr> <td>2.</td> <td>Winter</td> <td>460</td> <td>110</td> <td>260</td> </tr> <tr> <td>3.</td> <td>Rainy</td> <td>460</td> <td>70</td> <td>300</td> </tr> </tbody> </table>	Sr.No.	Season	For Flushing purposes (KLD)	Green Area sqm (KLD)	Plantation area, if any (KLD)	1.	Summer	460	240	130	2.	Winter	460	110	260	3.	Rainy	460	70	300
Sr.No.	Season	For Flushing purposes (KLD)	Green Area sqm (KLD)	Plantation area, if any (KLD)																		
1.	Summer	460	240	130																		
2.	Winter	460	110	260																		
3.	Rainy	460	70	300																		
17.	Rain water recharging detail	~54 recharge wells to be provided. Annual recharge potential is >71000 kL.																				
18.	Solid waste generation and its disposal	<p>a) 2100 kg/day</p> <p>b) Recycled components to be sold to authorized recyclers</p> <p>Biodegradable component to be converted into manure through composting</p> <p>Other waste to be disposed through MC Rajpura</p>																				
19.	Hazardous Waste & E-Waste	To be disposed through authorized recyclers																				
20.	Energy Requirements & Saving	<table border="1"> <thead> <tr> <th>Existing</th> <th>Proposed</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>7281.94 kW</td> <td>~7468 kW</td> <td>~14750 kW</td> </tr> </tbody> </table>	Existing	Proposed	Total	7281.94 kW	~7468 kW	~14750 kW														
Existing	Proposed	Total																				
7281.94 kW	~7468 kW	~14750 kW																				
21.	Environment Management Plan along with Budgetary break up phase wise and responsibility to implement	<p><b>Construction:</b></p> <p>All manpower will be provided with personal protective equipment.</p> <p>The sanitation and sewage system in labour camp are designed, built, and operated, such that no health hazards occur and no pollution to air, ground water, etc., takes place.</p> <p>Prevention of pollution from handling of construction material and construction waste</p> <p><b>Operation:</b></p> <p>Wastewater collection, treatment, and reuse/disposal</p> <p>Segregated handling, management and disposal of solid waste and other wastes (hazardous and e-waste)</p> <p>Adequate storm water collection and management system for recharge of groundwater</p> <p>Green belt development</p> <p>Extensive use of solar energy</p> <p>Use of architectural features for energy conservation</p> <p>Capital cost of EMP = INR 215,00,000.00</p> <p>Operational cost of EMP = INR 79,00,000.00 per year</p>																				
22.	CER activities along with budgetary break up and responsibility to implement	<p>Development of Green Area &amp; Construction (INR ~7 lakh)</p> <p>Community Lighting Solar Based Support System (INR ~11 lakh)</p> <p>Village Hygiene and Sanitation (INR ~15 lakh)</p> <p>Drinking Water Provision (INR ~16 lakh)</p> <p>Upliftment of Education (INR ~13 lakh)</p>																				

		Health Care Support (INR ~12 lakh) Tree Plantation (500 trees) (INR ~6 lakh) Gross CSER commitment (INR ~80 lakh)
--	--	--

SEAC raised the following queries to project proponent to which he replied as under:-

<b>Sr. No.</b>	<b>Observations</b>	<b>Reply submitted by the project proponent and his Environmental Consultant</b>
1.	As to whether the permission from Deptt. of Forest under the Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 has been obtained.	No forest land is involved at the project site.
2.	Whether online application for obtaining NOC for abstraction of ground water has been applied CGWA?	Online application has been submitted on the portal of CGWA for obtaining permission for abstraction of ground water and a copy of the same has been submitted.
3.	As to whether the land use of the area is permissible for the establishment of the project for which EC has been applied as per the provisions of Master Plan of the city.	CLU has been obtained from Department of Town & Country Planning vide memo no. 3009 dated 04.05.2018, 3867 dated 22.06.2018 and 7725 dated 18.12.2018.
3.	What will be the treatment proposal for the sewage expected from the labours / employees during the construction phase?	Septic tank will be provided for the treatment of waste water generated during construction phase.
4.	The proposed CER activities are general and the project proponent is required to submit CER proposal specifically mentioning the activities.	The project proponent agreed to the same and submitted the new CER proposal for the following activities:

	<b>Proposed CSER activity</b>	<b>Amount</b>	<b>Likely date of</b>
		<b>(INR)</b>	<b>Completion</b>
1	<b>Village Jhansala</b>		
	1) Installation of Solar Street Lighting 10 Nos.	150000	December, 2020
	2) Health Care support	500000	December, 2020

	3) Construction of Girls Toilets in Sr. Secondary School 2 Nos	400000	December, 2020
	4) Construction of Girls Toilets Elementary School 1 Nos	200000	December, 2020
	5) Construction of Girls Toilets in Village Vocational center 1 Nos	250000	December, 2020
	6) Renovation of Vocational center	200000	December, 2020
	7) Tree Plantation & Maintenance with tree Guard in Village 200 Nos	200000	December, 2021
	8) Furniture at Sr. Secondary School	150000	December, 2021
	9) Paving tiles in elementary school	450000	December, 2021
	10) Audio Visual equipments for smart class room in elementary School	125000	December, 2021
	11) Development of Botanical Garden of Senior Secondary School	500000	December, 2021
2	<b>Village Kalo Majra</b>		
	1) Construction of Girls Toilets Elementary School 1 Nos	200000	December, 2022
	2) Renovation of Cremation Sheds	400000	December, 2022
	3) Tree Plantation & Maintenance with tree Guard in Village 100 Nos	100000	December, 2022
	4) Audio Visual equipments for smart class room in elementary School	125000	December, 2022
	5) camp and health care support	300000	December, 2022
	6) Installation of Solar Street Lighting 10 Nos.	150000	December, 2022
3	<b>Village Ram Nagar</b>		
	1) Construction of Girls Toilets Elementary School 1 Nos	200000	December, 2023
	2) Tree Plantation & Maintenance with tree Guard in Village 100 Nos	100000	December, 2023
	3) Audio Visual equipments for smart class room in elementary School	125000	December, 2023
	4) Medical camp and health care support	300000	December, 2023
	5) Paving tiles in elementary school	450000	December, 2023
	6) Installation of Solar Street Lighting 10 Nos.	150000	December, 2023
4	<b>Village Thuha</b>		
	1) Construction of Boundary Wall for Community center	1050000	December, 2024

	2) Supply and installation of Colour coded waste Bins 50 Nos	100000	December, 2024
	3) Medical camp and health care support	300000	December, 2024
	4) Installation of Solar Street Lighting 10 Nos.	150000	December, 2024
5	<b>Village Fatehpurgarhi</b>		
	1) Construction of Girls Toilets Elementary School 2 Nos	400000	December, 2024
	2) Audio Visual equipments for smart class room in elementary School	125000	December, 2024
	3) Installation of Solar Street Lighting 10 Nos.	150000	December, 2024
	<b>Total amount</b>	<b>8000000</b>	

SEAC was satisfied from the presentation and reply given to the observation. SEAC took a copy of presentation along with reply on record.

After deliberations, SEAC decided to award 'Silver Grading' to the project proposal and to forward the application of the project proponent to SEIAA with the recommendations to grant Environmental Clearance for expansion of the project namely "Chitkara University" having built up area 263478.24 sqm (after Expansion) in total land area of 2,56,805, located at H.B. No. 262 & 263, Jhansla and Fatehpur Garhi, Rajpura, Distt. Patiala, Punjab as per the details mentioned in the Form 1, 1A, EMP & subsequent presentation / clarifications made by the project proponent and his consultant with, proposed measures, conditions:

**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 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 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 confirm to the suitability as prescribed under the provisions laid down under the master plan of respective city/ town. For that, the project proponent shall either to submit the NOC/ land use conformity certificate from Deptt of Town and Country Planning or other concerned Authority under whom jurisdiction, the site falls.
- xii) Besides above, the project proponent shall also comply with siting criteria / guidelines, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of projects.
- xiii) The project proponent shall get the layout plans approved from the Competent Authority for the activities / establishments to be set up at project site in consonance of the project proposal for which this environment clearance is applied.

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

- i) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- ii) A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii) The project proponent shall install system to carryout Ambient Air Quality monitoring for common /criterion parameters relevant-to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.
- iv) Diesel power generating sets proposed as source of backup power

should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.

- v) Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3m height or 1/3rd of the building height and maximum upto 10m). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
- vi) No Excavation of soil shall be carried out without adequate dust mitigation measures in place.
- vii) No loose soil or sand or construction & demolition waste or any other construction material that causes dust shall be left uncovered.
- viii) No uncovered vehicles carrying construction material and waste shall be permitted
- ix) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- x) Grinding and Cutting of building material in open area shall be prohibited. Wet jet shall be provided for grinding and stone cutting.
- xi) Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- xii) All construction and demolition debris shall be stored at the site within earmarked area and road side storage of construction material and waste shall be prohibited. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
- xiii) The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xiv) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust

pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.

- xv) For indoor air quality the ventilation provisions as per National Building Code of India.
- xvi) Roads leading to or at construction site must be paved and blacktopped (i.e. metallic road)
- xvii) Dust Mitigation measures shall be displayed prominently at the construction site for easy public viewing.
- xviii) Construction and Demolition Waste Processing and Disposal site shall be identified and required dust mitigation measure be notified at the site.

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

- i) The natural drain system should be maintained for ensuring unrestricted flow of water.
- ii) No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- iii) Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
- iv) The total water requirement for the project will be 1350 KL/day, out of which 540 KL /day shall be met through own tube well and remaining through recycling of treated waste water. 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 830 KL/day, which will be treated in STP of capacity @ 1200 KLD on MBBR technology within the project premises. As proposed, reuse of treated wastewater and discharge of surplus treated wastewater shall be as under:-

<b>S. No.</b>	<b>Season</b>	<b>For Flushing purposes (KLD)</b>	<b>Green Area (KLD)</b>	<b>Plantation in addition to the green area within the campus (KLD)</b>
1.	Summer	460	240	130
2.	Winter	460	110	260
3.	Rainy	460	70	300



- 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 waste water generated from swimming pool(s) shall not be discharged and the same shall be reused within the premises for purposes such as horticulture, HVAC etc.
- viii) 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.
- ix) 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.
- x) 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.
- xi) 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.
- xii) The respective project proponent shall discourage the installation of R.O. plants in their projects in order to save the wastage in form of RO reject. However, in case the requirement of installing RO plant is utmost necessary then the rejected stream from the RO shall be separated and shall be utilized by storing the same within the particular component i.e. (Tower/Mall) or in a common place in the project premises.
- xiii) 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.

- xiv) The project proponent will provide plumbing system for reuse of treated wastewater for flushing/ HVAC/ other purposes etc. and colour coding of different pipe lines carrying water/wastewater from different sources / treated wastewater as follows:

<b>Sr. No</b>	<b>Nature of the Stream</b>	<b>Color code</b>
a)	Fresh water	Blue Color
b)	Untreated wastewater from Toilets/ urinal & from Kitchen	Black color
c)	Untreated wastewater from Bathing/shower area, hand washing (Washbasin / sinks) and from Cloth Washing	Grey color
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 color
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 Color

- xv) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xvi) The CGWA provisions on rain water harvesting should be followed. Rain water harvesting recharge pits (54 Nos) /storage tanks shall be provided for ground water recharging as per the CGWB norms.
- xvii) A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xviii) All recharge should be limited to shallow aquifer.
- xix) 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.

- xx) 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.
- xxi) 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.
- xxii) Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. No treated water shall be disposed in to municipal stormwater drain.
- xxiii) No sewage or untreated effluent water would be discharged through storm water drains. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
- xxiv) Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
- xxv) 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 CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- v) Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1 % of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
- vi) Solar power by utilizing at least 30% of the roof top area shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

## **VI. Waste Management**

- i) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- ii) Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iii) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- iv) Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed for treatment and disposal of the waste.
- v) All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized

recyclers.

- vi) Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii) Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
- viii) Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
- ix) Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- x) Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

## **VII. Green Cover**

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

stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

- v) The project proponent shall not use any chemical fertilizer /pesticides /insecticides and shall use only Herbal pesticides/insecticides and organic manure in the green area.
- vi) The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use.

#### **VIII. Transport**

- i) A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
  - e) Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
  - f) Traffic calming measures.
  - g) Proper design of entry and exit points.
  - h) Parking norms as per local regulation.
- vii) 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.
- viii) 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.
- ix) 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 Assessment (HJRA) and Disaster Management Plan shall be implemented.
- iv) 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.
- v) Occupational health surveillance of the workers shall be done on a regular basis.
- vi) A First Aid Room shall be provided in the project both during construction and operations of the project.

**X. Corporate Environment Responsibility**

- i) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities for spending at least minimum amount of Rs. 70.00 Lacs towards following CER activities. The details are given below: -

<b>CSER COMMITMENT (CHITKARA UNIVERSITY, PUNJAB)</b>			
	<b>Proposed CSER activity</b>	<b>Amount</b>	<b>Likely date of</b>
		<b>(INR)</b>	<b>Completion</b>
<b>1</b>	<b>Village Jhansala</b>		
	1) Installation of Solar Street Lighting 10 Nos.	150000	December, 2020
	2) Health Care support	500000	December, 2020
	3) Construction of Girls Toilets in Sr. Secondary School 2 Nos	400000	December, 2020
	4) Construction of Girls Toilets Elementary School 1 Nos	200000	December, 2020
	5) Construction of Girls Toilets in Village Vocational center 1 Nos	250000	December, 2020
	6) Renovation of Vocational center	200000	December, 2020
	7) Tree Plantation & Maintenance with tree Guard in Village 200 Nos	200000	December, 2021
	8) Furniture at Sr. Secondary School	150000	December, 2021
	9) Paving tiles in elementary school	450000	December, 2021
	10) Audio Visual equipments for smart class room in elementary School	125000	December, 2021
	11) Development of Botanical Garden of Senior Secondary School	500000	December, 2021
<b>2</b>	<b>Village Kalo Majra</b>		
	1) Construction of Girls Toilets Elementary School 1 Nos	200000	December, 2022
	2) Renovation of Cremation Sheds	400000	December, 2022
	3) Tree Plantation & Maintenance with tree Guard in Village 100 Nos	100000	December, 2022
	4) Audio Visual equipments for smart class room in elementary School	125000	December, 2022
	5) camp and health care support	300000	December, 2022
	6) Installation of Solar Street Lighting 10 Nos.	150000	December, 2022

3	<b>Village Ram Nagar</b>		
	1) Construction of Girls Toilets Elementary School 1 Nos	200000	December, 2023
	2) Tree Plantation & Maintenance with tree Guard in Village 100 Nos	100000	December, 2023
	3)Audio Visual equipments for smart class room in elementary School	125000	December, 2023
	4)Medical camp and health care support	300000	December, 2023
	5) Paving tiles in elementary school	450000	December, 2023
	6) Installation of Solar Street Lighting 10 Nos.	150000	December, 2023
4	<b>Village Thuha</b>		
	1) Construction of Boundary Wall for Community center	1050000	December, 2024
	2) Supply and installation of Colour coded waste Bins 50 Nos	100000	December, 2024
	3)Medical camp and health care support	300000	December, 2024
	4) Installation of Solar Street Lighting 10 Nos.	150000	December, 2024
5	<b>Village Fatehpurgarhi</b>		
	1) Construction of Girls Toilets Elementary School 2 Nos	400000	December, 2024
	2)Audio Visual equipments for smart class room in elementary School	125000	December, 2024
	3) Installation of Solar Street Lighting 10 Nos.	150000	December, 2024
	<b>Total amount</b>	8000000	

- ii) 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.
- iii) A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. The project proponent shall spend minimum amount of Rs 215 Lacs towards capital cost and Rs 5.0 Lacs/annum towards recurring cost in Construction phase of the project including the environmental monitoring cost and shall spend minimum amount of Rs 74.0 Lacs/annum towards 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 environmental management plan is transferred to the occupier/residents



society under proper MOU under intimation to SEIAA, Punjab. Year wise progress of implementation of 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.
- iii) The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
- iv) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- v) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- vi) The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at Environment Clearance portal.
- vii) The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- viii) The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- ix) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x) The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the

Expert Appraisal Committee.

- xi) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xii) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xiii) The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiv) The 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 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.

The case was considered by SEIAA in its 160th meeting held on 26.12.2019, which was attended by the following on behalf of the project proponent:

- i) Sh. Kamal Kishore, Director (Projects) and Sh. S.C.Sharma, Registrar, M/s Chitkara University.
- ii) Sh. Sandeep Singh (FAE), M/s CPTL, Mohali, Environmental Consultant of the project proponent.

Environmental Consultant of the promoter company presented the salient features of the project and requested for grant of environmental clearance.

SEIAA observed that cost of tree plantation as mentioned in the CER activities, does not seem realistically considering the price of tree

guard. Also, SEIAA observed that there is a constant threat of theft of solar street lights, in reply of which, the project proponent committed to provide solar power plant in elementary schools and community center of various villages as proposed earlier under the CER activities. The project proponent submitted the new CER activities, which were taken on record.

During discussions, representative of the promoter company agreed to comply with fully all the conditions as mentioned by SEAC except the condition no vii) of III. Water quality monitoring and preservation .

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. A copy of presentation as well as a copy of the new CER activities as proposed by the project proponent were taken on record by SEIAA.

Therefore, the Authority decided to accept the recommendations of SEAC and grant environmental clearance for expansion of the project namely Chitkara University having a total built up area 263478.2 sqm in total land area of 256805 sqm located at H.B. No. 262 & 263, village Jhansla & Fatehpur Garhi, Rajpura, Distt. Patiala, Punjab, as per the details mentioned in Form 1, 1A, EMP & subsequent presentations/ clarifications made by the project proponent and his Environmental Consultant, proposed measures and with the following amendments in the conditions as proposed by SEAC:

**Conditions to be deleted as under**

**Condition no. vii) of III. Water quality monitoring and preservation**

vii) The waste water generated from swimming pool(s) shall not be discharged and the same shall be reused within the premises for purposes such as horticulture, HVAC etc.

**Conditions to be amended as under:**

**Condition no. iv) of V. Energy Conservation measures**

- iv)** Energy conservation measures like installation of LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.

**Condition no. i) of X. Corporate Environment Responsibility**

- i) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities for spending at least minimum amount of Rs. 80.01 Lacs as per the detail given below:

<b>CSER COMMITMENT (CHITKARA UNIVERSITY, PUNJAB)</b>			
	<b>Proposed CSER activity</b>	<b>Amount</b>	<b>Likely date of</b>
		<b>(INR)</b>	<b>Completion</b>
<b>1</b>	<b>Village Jhansala</b>		
i)	Installation of Solar Power Plant in Secondary School	120000	December, 2020
ii)	Health Care support	500000	December, 2020
iii)	Construction of Girls Toilets in Sr. Secondary School 2 Nos	400000	December, 2020
iv)	Construction of Girls Toilets Elementary School 1 Nos	200000	December, 2020
v)	Construction of Girls Toilets in Village Vocational center 1 Nos	250000	December, 2020
vi)	Renovation of Vocational center	200000	December, 2020
vii)	Tree Plantation & Maintenance with tree Guard in Village 200 Nos	230000	December, 2021
viii)	Furniture at Sr. Secondary School	150000	December, 2021
ix)	Paving tiles in elementary school	450000	December, 2021
x)	Audio Visual equipments for smart class room in elementary School	125000	December, 2021
xi)	Development of Botanical Garden of Senior Secondary School	500000	December, 2021
<b>2</b>	<b>Village Kalo Majra</b>		
i)	Construction of Girls Toilets Elementary School 1 Nos	200000	December, 2022
ii)	Renovation of Cremation Sheds	400000	December, 2022
iii)	Tree Plantation & Maintenance with tree Guard in Village 115 Nos	132250	December, 2022
iv)	Audio Visual equipments for smart class room in elementary School	125000	December, 2022
v)	Medical camp and health care support	300000	December, 2022
vi)	Installation of Solar Street Lighting 10 Nos.	120000	December, 2022
<b>3</b>	<b>Village Ram Nagar</b>		

i)	Construction of Girls Toilets Elementary School 1 Nos	200000	December, 2023
ii)	Tree Plantation & Maintenance with tree Guard in Village 100 Nos	115000	December, 2023
iii)	Audio Visual equipments for smart class room in elementary School	125000	December, 2023
iv)	Medical camp and health care support	315000	December, 2023
v)	Paving tiles in elementary school	450000	December, 2023
vi)	Installation of Solar Power Plant in Elementary School	120000	December, 2023
4	<b>Village Thuha</b>		
i)	Construction of Boundary Wall for Community center	1050000	December, 2024
ii)	Supply and installation of Colour coded waste Bins 50 Nos	100000	December, 2024
iii)	Medical camp and health care support	330000	December, 2024
iv)	Installation of Solar Power Plant in Community Centre	120000	December, 2024
5	<b>Village Fatehpurgarhi</b>		
i)	Construction of Girls Toilets Elementary School 2 Nos	400000	December, 2024
ii)	Audio Visual equipments for smart class room in elementary School	125000	December, 2024
iii)	Tree Plantation & Maintenance with tree Guard in Village 25 Nos	28750	December, 2024
iv)	Installation of Solar Power Plant in Elementary School	120000	December, 2024
	<b>Total amount</b>	8001000	

**Condition no. xv) of XII. Miscellaneous**

- xv) The Regional Office of this Ministry and Punjab Pollution Control Board (PPCB) 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

**Item No. 160.09: Application for environmental clearance under EIA notification dated 14.09.2006 for the establishment of Bus Terminal Cum Commercial Complex at Phase-VI, Opposite Verka Milk Plant, Mohali by M/s C & C Towers Ltd. (Proposal No. SIA/PB/NCP/63507 /2017).**

SEIAA observed that

Earlier, M/s C & C Towers Ltd. was granted environment clearance for establishment of Bus Terminal Cum Commercial Complex at Phase-VI, Opposite Verka Milk Plant, Mohali with total plot area of 28439.47 sqm having built up area 1,35,000 sqm at Phase-VI, Opposite Verka Milk Plant, Mohali vide letter number 35436 dated 29.10.2009 valid up to 28.10.2014.

The project proponent had applied (online) for obtaining fresh environmental clearance under EIA notification dated 14.09.2006 for the establishment of Bus Terminal Cum Commercial Complex at Phase-VI, Mohali. The project is covered under category building construction 8 (a) of the Schedule appended to the said notification.

Environmental Engineer, PPCB, RO, Mohali was requested vide email dated 30.03.2017 to send the construction status of the project site.

The case was considered by SEAC in its 156th meeting held on 06.04.2017, which was attended by the following on behalf of project proponent:

- (i) Sh. Deepak Bharti, Project Consultant (Approvals) of the promoter
- (ii) Sh. Deepak Gupta, Environmental Advisor in the promoter company

Sh. Deepak Bharti submitted an authority letter in which he along with Sh. Deepak Gupta have been authorized by the Authorized Signatory of the promoter Company to sign any documents / submitting reply on behalf of company while attending the meeting of SEAC to be held on 06.04.2017. The said

authority letter was taken on record by the SEAC.

The SEAC was apprised about the status report received from EE, PPCB, RO, Mohali vide its email dated 06.04.2017 wherein it has been mentioned that the site of the project was visited by AEE on 30.03.2017 and Sh. Deepak Bharti, Manager of the project was contacted & he showed the site of the project. The promoter company has proposed to construct three number towers namely A, B & C out of which the civil construction work of the tower 'B & C' was stopped in January 2011. As informed by the representative of the promoter company, civil construction work of Towers B & C has been completed to the tune of about 15 % and 10 % respectively. It was observed that no construction work was going at the site. The site is surrounded by a number of industrial units located in Industrial Area of Phase-1 & SAS Nagar. The distance between the boundary of this project and the boundaries of two red categories of industries of large scale namely M/s Ropar District Cooperation Milk Producers Union Ltd., (Milk Plant) & M/s Tube Products of India is less than 100m.

The SEAC observed environmental clearance granted to the project in the year 2009 was valid for a period of 5 years and has expired on 28.10.2014 and it is not clear from the status report received from Regional Office, whether any construction activity was carried out after the expiry of the previous environmental clearance in order to conclude whether or not it is a clear cut case of violation of EIA Notification 14.09.2006. To this query, the project proponent contended that no construction activity was carried out after the expiry of previous granted environmental clearance. He further stated that the structural work of main bus terminal building had already been completed in the year 2014 and only works such as providing sanitary fitting, doors, glasses and other finishing jobs were done after that. All other buildings are still incomplete and no construction work activity is going on at site.

After deliberations, the SEAC decided to defer the case and further decided to seek a detailed report from Environmental Engineer, PPCB, RO, Mohali citing the construction activities carried out if any after the expiry of previous granted environmental clearance to the project.

Accordingly, Environmental Engineer, Regional office was requested vide letter no. 279 dated 19.04.2017 to send the detailed report citing the construction activities carried out if any after the expiry of previous granted environmental clearance to the project so as to enable the SEAC to take further necessary action in the matter.

As the term for SEIAA & SEAC was coming to an end on 05.05.2017, the status of pending cases was discussed in the 123rd meeting of SEIAA held on 04.05.2017 wherein, it was decided that the all the pending cases be sent to the MoEF & CC, New Delhi and the project proponents be informed to approach the MoEF & CC, New Delhi. The instant case was also amongst the pending cases. Accordingly, record file of the case was sent vide SEIAA letter no. 840 dated 05.05.2017 to the MoEF & CC and the project proponent was requested vide letter no. 852 dated 05.05.2017 to approach the MoEF & CC for further action on the pending EC application. MoEF & CC vide its letter No. 21-372/2017-IA-III dated 22.01.2018 transferred the record file of the case back to the SEIAA, Punjab for appraisal as the SEIAA & SEAC have been reconstituted vide Notification dated 08.11.2017 and the project is covered under category 'B' of item 8 (a) of building & construction projects of the schedule of the EIA Notification, 2006.

The matter was considered by the SEIAA in its 127th meeting held on 09.02.2018 and the SEIAA was apprised that online application of the case is lying pending in the account of SEAC and MoEF & CC has sent back the office record files to SEIAA, Punjab. After deliberations, the SEIAA decided that SEAC be requested to appraise the project and send recommendations to SEIAA.

The case was considered by the SEAC in its 163<sup>rd</sup> meeting held on 13.03.2018, however, no one from the project proponent side attended the meeting. The SEAC was apprised that Environmental Engineer, Regional office, SAS Nagar was requested to send the detailed report as sought earlier vide letter no. 279 dated 19.04.2017. Environmental engineer, Regional office, SAS Nagar has now sent the status report vide letter no. 1345 dated 12.03.2018



through email dated 12.03.2018. The said status report was taken on the record by the SEAC. The SEAC observed that the status report received from the Regional office, SAS Nagar is incomplete and does not answer the question asked by the SEAC vide letter no. 279 dated 19.04.2017 regarding any construction activity carried out, if any, after the expiry of previous environmental clearance (i.e. 28.10.2014) in order to conclude as to whether or not it is a case of violation of the EIA Notification, 14.09.2006.

After detailed deliberations, the SEAC decided to defer the case & refer back the matter to Environmental Engineer, Regional office, SAS Nagar with a request to submit a comprehensive report in the matter and to ask the project proponent to attend the meeting of SEAC, when his case is placed for consideration. EE, PPCB, RO SAS Nagar, was also requested to send the comprehensive report as sought by the SEAC along-with latest status report vide email dated 11/09/2019. Environmental Engineer, Regional office, Mohali was also requested through telephonically on 16.09.2019 to send the report in the matter.

The matter was considered by SEAC in its 184<sup>th</sup> meeting held on 21.09.2019, wherein, it was decided as under:

- i) to defer the case and issue notice to the project proponent to explain the reasons for not attending the meeting to present his case, within week time failing which it will be assumed that the project proponent is not interested to proceed further and the said case will be recommended for delisting in light of the Office Memorandum dated 30.10.2012 issued by the MoEF&CC, Govt. of India.
- ii) PPCB be directed to initiate action against the project proponent, in case of violation, under EIA Notification, 14/09/2006.

Accordingly, M/s C & C Towers was asked to submit reply with one week vide this office letter no. 938 dated 01.11.2019 and the Member Secretary, PPCB was asked to initiate action against the project proponent, in case of violation, under EIA Notification, 14/09/2006, vide this office letter no. 936 dated 01.11.2019.

No reply has been received from the project proponent, till date.

Regional Office, PPCB, Mohali has sent latest construction report vide letter no. 5800 dated 24.09.2019 intimated that it has sent the report vide letter no. 1345 dated 12.03.2018 through E-mail. However, the SEAC has asked for the status

of construction activity carried out, if any, after the expiry of previous environmental clearance (i.e.28.10.2014) in order to conclude as to whether or not it is a case of violation of the EIA Notification, 14.09.2006. It is pertinent to mention here that already a period for 5 years has elapsed since the expiry previous EC and as such it cannot be adjudged presently get whether the promoter company has carried any construction after the expiry of NOC however, as per record available in this office, the site was visited by the officers of the Board on 08.08.2016 and it was observed that no construction activity was being carried at the site however, finishing work Tower-A was under progress. The site was again visited on 18.01.2017 and it was reported as under:

The project proponent proposes to construct 3 towers namely A, B & C. The construction work of Tower A i.e. ISBT, Multiplex and Food Court has been completed. The construction work of Tower B & C was stopped in January 2011 and about 15% & 10% construction of these towers is complete.

The site was again visited on 30.03.2017 and no construction activity was reported at the site and the site was visited on 12.03.2018 and again no construction activity was reported. The unit was visited on 19.09.2019 and no responsible was there. However, again no construction activity was observed. As such the promoter company was not found into any construction activity during the above said visits.

Additional details are given as under:

1	Proposal No	SIA/PB/NCP/63507/2017
2	Date of submission of application	30.03.2017
3	Date of acceptance of application	01.04.2017
4	Last meeting of SEAC in which case was considered	184th meeting held on 21.09.2019
5	Observations	Meetings were not being attended by the PP
6	Date of ADS	01.05.2018
7	Details of notice issued, if any	Issued vide letter no. 938 dated 01.11.2019
8	Reply to the notice received or not	Not Received

MoEF, GoI has issued an OM dated 30.10.2012 regarding procedure to be adopted for delisting of various cases and the relevant part of the same is given as under:

1. All projects where additional information desired has not been submitted even after 6 months of the Expert Appraisal Committee (EAC) meeting should be delisted from the list of pending projects.
2. For the projects pending between 3 to 6 months of the EAC meeting for want of information, reminder may be sent seeking information within a month. If the information is not received within this period, even these projects may be de-listed.

The matter was considered in 185<sup>th</sup> meeting of SEAC and no one from the project proponent appeared for attending the hearing. SEAC observed that the project proponent is not interested in pursuing the case and took serious note of the same. After detailed deliberations, SEAC decided to recommend the case to SEIAA to delist the application as per the OM dated 30.10.2012 issued by MoEF&CC.

The matter was considered by SEIAA in its 160<sup>th</sup> meeting of SEIAA held on 30.01.2020 and SEIAA observed that the project proponent has neither replied to the observations conveyed on 01.05.2018 through online facility of additional detail sought (ADS) available on the web portal nor to the notice issued vide letter no 938 dated 01.11.2019. It was felt that the project proponent was not willing to pursue his case.

SEIAA also observed that as per MoEF, GoI OM dated 30.10.2012 all projects where additional information desired has not been submitted even after 6 months of the Expert Appraisal Committee (EAC) meeting should be delisted from the list of pending projects.

After detail deliberations, SEIAA decided that the case be delisted in light of OM dated 30.10.2012 as no reply has been submitted by the project proponent since more than 6 months and the project proponent be informed accordingly.

**Item No. 160.10: Application for obtaining Environmental Clearance (EC) under EIA notification dated 14.09.2006 for establishment of a Warehouse Project located at Village Mehtabgarh (H.B. No.: 77), Tehsil Rajpura, District Patiala, Punjab by M/s Binny Warehousing, (Proposal No. SIA/PB/MIS/127612/2019).**

SEIAA observed that

The project proponent has filed an application for obtaining Environmental Clearance (EC) under EIA notification dated 14.09.2006 for establishment of a Warehouse Project located at Village Mehtabgarh (H.B. No.: 77), Tehsil Rajpura, District Patiala, Punjab by M/s Binny Warehousing. The details of the project as given in Form 1, Form 1A and other documents are as under:

The project proponent was raised following EDS on 09.12.2019 and the reply submitted by the project proponent is given as under:

<b>S.No.</b>	<b>Detail of the Document</b>	<b>Submitted/Not submitted/Not applicable</b>	<b>Reply</b>
1.	EC processing fee (DD No. & date) For B1 projects : At the time of TOR 25% and at the time of EC 75% For B2 project At the time of time of EC 100%	Not Submitted.	Submitted. EC processing fees of Rs. 64,650/- has been submitted through NEFT vide UTR No. Dr-COEP000319 dated 27.11.2019.
2.	Various documents to be submitted along with the EC are listed as under: 1. Is the project involves diversion of forest land. If yes, . Extent of the forest land. . Status of the forest clearance . In case, project involves diversion of forest land then the project proponent will file an application before the concerned DFO obtaining forest clearance under Forest (Conservation) Act, 198 and submit acknowledgement along-with copy of application submitted to concerned DFO (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	Not Submitted.	1. No. There is no diversion of forest land involved for the proposed project.  2. Project is not covered under PLPA, 1900. Further, NOC has been obtained from DFO, Patiala. Copy of the NOC has already been submitted .

	<p>does not fall under the provision of PLPA Act, 1900.</p> <p>(b) Is the project covered under PLPA, 1900, if yes then Status of the NOC w.r.t PLPA, 1900.</p> <p>3. If the project falls within 10 km of eco-sensitive area. If yes,</p> <p>(a) Name of eco-sensitive area and distance from the</p>		<p>3. No. There is no eco-sensitive area within 10 km of the project location and same has been</p>
	<p>project site.</p> <p>(b) Status of clearance from National Board for Wild Life (NBWL).</p> <p>(c) The project proponent is required to submit either documentary proof to the effect that Wildlife Sanctuary is more than 10 kms from the project site or in case, the same is within 10 kms radius then, the project proponent will file an application before the concerned DFO, Wildlife for obtaining NBWL permission and submit acknowledgement along-with copy of application submitted to concerned DFO Wildlife for obtaining permission from NBWL.</p>		<p>mentioned in Form I(III) Environmental Sensitivity.</p>
3.	<p>a) Properly filled Form 1 &amp; 1A along with signed declaration</p> <p>b) Brief Description of the project (Annexure-A)</p> <p>c) Co-ordinates of all the corners of the project</p>	<p>Attach kml file with all the coordinates</p>	<p>Submitted</p>
4.	<p>500 meter radius map of the area from periphery of project site clearly indicating the various industries (specifically red category industries) and</p>	<p>Not attached</p>	<p>Submitted</p>

	structures lying in the area.		
5.	Location plan showing the exact location of the project site w.r.t. some permanent / important features of the area and site plan of the project	Not submitted	Submitted
	showing the following: i) Location of STP ii) RWH and water recharge pits		(i) Septic tank has been proposed instead of STP; location of septic tank has already been submitted; Submitted. Submitted
6	Drawing showing plumbing systems for use of fresh, treated wastewater and hot water i.e. colour coding of the different lines	Not submitted	Now submitted
7.	Construction Phase i) Max. Water Requirement (KLD), Source of the Water and treatment facility Operation Phase	Not submitted	1. During Construction phase, water demand will be met through treated water from private tankers. Water demand will be 10 KLD. 2. During operation phase, water will be abstracted from borewell. Total groundwater water requirement for the project will be approx. 37.5 KLD
8.	Detail of water bodies near the proposed project and impact on drainage if any	Not submitted	Following water bodies exists within 15 km of the project: Taghansu minor : Approx. 1 km (NW) Rajkhand Minor : Approx. 1 km Saldkheri Minor : Approx. 1.7 km (E) Chatarnagar minor : Approx. 8 km (SE) Mardanpur Minor : Approx. 14 km (SE) Banur Canal Inundation : Approx. 5 km (E) Bhakra Main line canal : Approx. 8.5 km (SE) Ghagghar River : Approx. 13

			<p>km (NE)</p> <p>Although there will be no significant impact due to this project as the storm water flows naturally to the already laid storm water line along NH-1 i.e. Ambala-Ludhiana highway which is adjacent to the project and ultimately enters the Ghagghar river.</p>
--	--	--	---

The project proponent was again raised EDS on 18.12.2019 and the project proponent replied as under:

S.No.	Detail of the Document	Observations on the reply submitted	Reply
1.	<p>Earlier EDS</p> <p>As per the application, one warehouse exists with a built- up area of 1942.37 sq.m., whether the project proponent has got the building plan approved from the Department of Town &amp; Country Planning/ PUDA/ MC before carrying out the construction of this warehouse. Why the case be not considered as a violation case as already construction of one warehouse.</p> <p><b>Reply Submitted :</b></p> <hr/> <p>Earlier approved layout plan approved from Director of Factories, Punjab have already been submitted as <b>Drawing 9</b>. Further, existing warehouse details have been</p>	<p>i) No date has been mentioned in the drawing no 9 along with stamp. Please attached the covering letter, which was received by the company while obtain drawing approved from the Deputy Director of Factories.</p> <p>ii) Whether existing building plan</p> <p>approved from the Department of Town &amp; Country Planning/ PUDA/ MC before carrying out the construction of this warehouse.</p>	<p>i) Approval of Building plan was approved by Director of Factories vide letter No. DOF190491568 dated 22.04.2019.</p> <p>ii)No.As the warehouse is considered as industry so the competent authority for approval is Director of Factories. Thus, the layout is not approved by another authority.</p>

<p>mentioned in Introduction part of Conceptual Plan along with respective approvals as annexures. Hence, it should not be considered as a violation case.</p>	<p>Specify in Yes or No. If No, please provide the reason for that.</p>	
<p>(Refer Introduction part of Conceptual Plan Page no. 24 and Drawing 9 page No. 148)</p>	<p>iii) If you see the drawing no 09, it was mentioned on the drawing as under:-  a) Proposed ware house-1  b) Proposed ware house -2  c) Future expansion ware housing.</p>	<p>iii) The Drawing No. 9 is clearly mentioning that at the time of initial planning only 2 sheds (Warehouse 1 &amp; 2) with a built-up area of 5,471.989 sq. were proposed. As the built-up area was &lt; 20,000 sq.m. Thus, Environmental Clearance was not applicable at that stage. The Future expansion area clearly states that some part for land was reserved for future planning. Now we have done the planning on future expansion area and accordingly the built-up area is revised to 32,321.43 sq.m.</p>
	<p>Thus, the approved map itself, have all the components including the exiting warehouse-1 at the planning stage. Please clarify, how the existing ware house is separate from the planning of proposed project?</p>	<p>Thus, application of EC has been submitted.</p>

Environmental Engineer, Regional Office, Patiala vide email dated 19.12.2019 informed that the site was visited by Er. Gurkaran Singh, AEE of this office alongwith Sh. Darshan Punshi, representative of the project on 18/12/2019 and the report is as under:

“No construction work has been started at the site. During visit, it was observed that there is a godown of Good rick, tea indus tower warehouse, khal manufacturing unit (yet to be commissioned), waste rubber to power converting unit namely M/s Ganesh Rubber Industry, Abadi/ Village Mehtabgarh, passage under construction to Quark City, Ambala Delhi National Highway is located within the 500 meters radius of the proposed site, as shown by the represent of the industry. The project proponent during visit has also submitted copy of CLU in which it is mentioned that site falls in the mixed land use zone and industrial



land use zone of statutory Master Plan of Rajpura and this activity is permissible. Since some part of the industry is located in the mixed land use zone as per policy of the Board, certificate of its location/ situation from the nearest village lal lakir/ phirni/ MC limits from revenue authorities may be obtained. The lal lakir and phirni of Vill. Mehtabgarh as shown by the resident of the village Sh. Kuldeep Singh is about 365 meter and 345 meters (checked from Google Earth), from the proposed site, shown by the representative of the project. But SDM certificate to verify the actual authenticated distances from the proposed site (as no boundary has been constructed) from landmarks, as per policy of the Board may be sought."

The case was considered by SEAC in its 186th meeting held on 26.12.2019 and was attended by the following on behalf of the project proponent:

- i) Sh. Darshan Punshi, Partner.
- ii) Sh. Sandeep Garg, M/s ECO Laboratories & Consultants Pvt. Ltd.

SEAC allowed the project proponent to present the salient features of the project and the Environmental Consultant of the same presented as under:

S.No.	Item	Details
1.	Online Proposal No.	<b>SIA/PB/MIS/127612/2019</b>
2.	Name and Location of the project	M/s Binny Warehousing Village Mehtabgarh (H.B. No.: 77), Tehsil Rajpura, District Patiala, Punjab.
3.	Latitude & Longitude	Corners coordinates of project location are: <b>A-</b> 30°28'21.71" N, 76°37'04.88" E ; <b>B-</b> 30°28'33.10" N, 76°37'09.26" E <b>C-</b> 30°28'37.20" N, 76°37'12.98" E <b>D-</b> 30°28'31.38" N, 76°37'20.81" E <b>E-</b> 30°28'27.68" N, 76°37'17.51".
4.	Project/activity covered under item of scheduled to the EIA Notification, 14.09.2006	The project falls under Schedule 8(a) - 'Building and Construction project'.
5.	Whether the project is in critical polluted area or not.	No
6.	If the project involves diversion of forest land. If yes, a. Extent of the forest land. b. Status of the forest	NOC has been obtained vide Letter no. 4178 dated 05.08.2019

	clearance.																
7.	<p>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.</p> <p>b. Is the project covered under PLPA, 1900, if yes then Status of the NOC w.r.t PLPA, 1900.</p>	Project is not covered under PLPA, 1900.															
8.	<p>If the project falls within 10 km of eco-sensitive area/ National park/Wild Life Sanctuary. If yes,</p> <p>a. Name of eco-sensitive area/ National park/Wild Life Sanctuary and distance from the project site.</p> <p>b. Status of clearance from National Board for Wild Life (NBWL).</p>	No. The project does not fall within 10 km of eco-sensitive area/ National park/Wild Life Sanctuary.															
9.	Classification / Land use pattern as per Master Plan	<p>The project falls under Mixed land use Zone and Industrial Land Use Zone as per Master plan of Rajpura.</p> <p>CLU has been Granted vide Memo No. 653-STP(P)/SP-327 dated 28.02.2019</p>															
10.	Cost of the project	Rs. 17.71 Crores															
11.	Total Plot area, Built- up Area and Green area	<table border="1"> <thead> <tr> <th>S.No.</th> <th>Description</th> <th>Area</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Plot area</td> <td>64,679.40 m<sup>2</sup> (or 15.98 acres)</td> </tr> <tr> <td>2.</td> <td>Built-up area</td> <td>32,321.43 m<sup>2</sup></td> </tr> <tr> <td>3.</td> <td><b>Existing Built-up area</b></td> <td><b>1942.37 m<sup>2</sup></b></td> </tr> <tr> <td>4.</td> <td>Green area</td> <td>6,700 m<sup>2</sup></td> </tr> </tbody> </table>	S.No.	Description	Area	1.	Plot area	64,679.40 m <sup>2</sup> (or 15.98 acres)	2.	Built-up area	32,321.43 m <sup>2</sup>	3.	<b>Existing Built-up area</b>	<b>1942.37 m<sup>2</sup></b>	4.	Green area	6,700 m <sup>2</sup>
S.No.	Description	Area															
1.	Plot area	64,679.40 m <sup>2</sup> (or 15.98 acres)															
2.	Built-up area	32,321.43 m <sup>2</sup>															
3.	<b>Existing Built-up area</b>	<b>1942.37 m<sup>2</sup></b>															
4.	Green area	6,700 m <sup>2</sup>															

12.	Population (when fully operational)	Estimated population: 30 Workers				
13.	Water Requirements & source in Construction Phase	10 KLD of water will be required during construction phase which will be met by Private water tankers.				
14.	Break up of Water Requirements & source in Operation Phase (Summer, Rainy, Winter):					
	S.No.	Season	<b>Fresh water</b>		<b>Reuse water</b>	<b>Total (KLD)</b>
			<b>Domestic (KLD)</b>	<b>Green area 6700 sqm (KLD)</b>	<b>Green area 6700 sqm (KLD)</b>	
	1.	Summer	1.5	36	1	37.5
	2.	Winter	1.5	11	1	12.5
	3.	Rainy	1.5	2	1	3.5
	<b>S.No.</b>	<b>Description</b>			<b>Source of water</b>	
	1.	Domestic			Ground water	
	2.	Others (Pl define)			Green Area	
	3.	Green area			Treated wastewater & fresh water	
15.	Treatment & Disposal arrangements of waste water in Construction Phase	Sewage generation during construction phase will be treated in Septic tank.				
16.	Disposal Arrangement of Waste water in Operation Phase	1.2 KLD of sewage will be generated from the project which will be treated in septic tank. Treated water will be used for green area development.				
17.	Rain water recharging detail	Total 7 no. of Rain water recharging pits will be provided to recharge the rooftop, paved and green area after treatment through oil & Grease traps.				
18.	Solid waste generation and its disposal	a) 6 kg/day b) Solid waste will be appropriately segregated (at source. by providing bins) into recyclable, Bio-degradable Components, and non-bio-degradable. c) Bio-degradable will be converted into manure using Compost Pit d) Recyclable waste will be sold to authorized recyclers e) Inert waste will be disposed off to dumping site.				
19.	Hazardous Waste & E-Waste	Used oil from DG sets will be sold to registered recyclers and E-waste will be disposed off as per the E-waste (Management) Amendment Rules 2018.				

20.	Energy Requirements & Saving	<p>a) 100 KW from PSPCL.</p> <p>b) DG set 82.5 KVA capacity equipped with canopy will be used as standby arrangements</p> <p>c) LEDs will be used in place of CFL as energy saving measures.</p>																	
21.	Environment Management Plan along with Budgetary break up phase wise and responsibility to implement	<p>During construction &amp; operation phase, Mr. Darshan Punshi will be responsible for implementation of the EMP till the project is handed over.</p> <table border="1"> <thead> <tr> <th>Description</th> <th>Capital cost (lakhs)</th> <th>Recurring cost (lakhs)</th> <th>Monitoring of Air, Noise, water (per annum) Rs.</th> </tr> </thead> <tbody> <tr> <td>Construction</td> <td>23</td> <td>4</td> <td>Rs. 1 lakh</td> </tr> <tr> <td>Operation</td> <td>-</td> <td>7.6</td> <td>Rs. 1 lakh</td> </tr> </tbody> </table>			Description	Capital cost (lakhs)	Recurring cost (lakhs)	Monitoring of Air, Noise, water (per annum) Rs.	Construction	23	4	Rs. 1 lakh	Operation	-	7.6	Rs. 1 lakh			
Description	Capital cost (lakhs)	Recurring cost (lakhs)	Monitoring of Air, Noise, water (per annum) Rs.																
Construction	23	4	Rs. 1 lakh																
Operation	-	7.6	Rs. 1 lakh																
22.	<p>CER activities along with budgetary break up and responsibility to implement.</p> <p>Mr. Darshan Punshi will be responsible for implementation of the CER activities. The estimated cost of project is Rs. 17.71 Crores. Rs. 5 lakhs has been reserved for C.E.R activities as per Office Memorandum vide F. No. 22-65/ 2017-IA.III dated 01.05.2018. The following activities have been proposed to be covered under CER.</p> <table border="1"> <thead> <tr> <th>S.No</th> <th>Activities</th> <th>Annual Expenditure (in Lakhs)</th> <th>Timeline</th> <th>Total Expenditure in 1 Year (in Lakhs)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Development of toilets and its maintenance in the Govt. School in Village Chamaru.</td> <td>5 lakhs</td> <td>1 year</td> <td>5</td> </tr> <tr> <td colspan="2"><b>Total</b></td> <td><b>Rs. 5 lakhs</b></td> <td></td> <td><b>Rs. 5 lakhs</b></td> </tr> </tbody> </table>				S.No	Activities	Annual Expenditure (in Lakhs)	Timeline	Total Expenditure in 1 Year (in Lakhs)	1.	Development of toilets and its maintenance in the Govt. School in Village Chamaru.	5 lakhs	1 year	5	<b>Total</b>		<b>Rs. 5 lakhs</b>		<b>Rs. 5 lakhs</b>
S.No	Activities	Annual Expenditure (in Lakhs)	Timeline	Total Expenditure in 1 Year (in Lakhs)															
1.	Development of toilets and its maintenance in the Govt. School in Village Chamaru.	5 lakhs	1 year	5															
<b>Total</b>		<b>Rs. 5 lakhs</b>		<b>Rs. 5 lakhs</b>															

SEAC raised following queries to the project proponent and the project proponent replied as under:

Sr. No.	Observations	Reply submitted by the project proponent and his Environmental Consultant
1.	Whether the project proponent has got building plan approved from the Department of Town and Country Planning before carrying out the construction of one warehouse.	The building was approved from the Department of Factories.
2.	As to whether the permission from Deptt. of Forest under the Forest (Conservation) Act, 1980 and	No forest land is involved at the project site.

	Wildlife (Protection) Act, 1972 has been obtained.	
3.	Whether online application for obtaining NOC for abstraction of ground water has been applied CGWA?	Online application has been submitted on the portal of CGWA for obtaining permission for abstraction of ground water and a copy of the same has been submitted.
3.	As to whether the land use of the area is permissible for the establishment of the project for which EC has been applied as per the provisions of Master Plan of the city.	CLU has been obtained from Department of Town & Country Planning vide memo no. 653- STP (P)/ SP- 327 dated 28.02.2019 for an area measuring 15.9791 acres.
4.	What will be the treatment proposal for the sewage expected from the labours / employees during the construction phase?	Septic tank will be provided for the treatment of waste water generated during construction phase.
5.	The project proponent has proposed to utilize ground water for 1.5 KLD for internal landscaping and 1.5 KLD of groundwater for domestic effluent. The project proponent should utilize treated wastewater for the landscaping purposes.	The project proponent submitted that the treated sewage water required for internal landscaping purpose will be obtained from nearby STP plant. The project proponent also submitted that they will not use any freshwater for landscaping purpose and domestic water requirement of 1.5 KLD will be met through water dispensable bottles or water tankers.
6.	The proposed CER activities are general and the project proponent is required to submit CER proposal specifically mentioning the activities.	The project proponent agreed to the same and submitted the new CER proposal to the effect that the amount of Rs. 5 lakh covered under CER will be utilized for development of toilets and its maintenance in the Govt. School in village Chamaru.

SEAC took a copy of presentation along with reply given by the project proponent and his environmental consultant on record.

After deliberations SEAC decided to award '**Silver Grading**' to the project proposal and to forward the application of the project proponent to SEIAA with the recommendations to grant Environmental Clearance for establishment of warehouse project having built up area 32,321.43 m<sup>2</sup> in total land area of 64679.40

sqm at village Mehtabgarh, Tehsil Rajpura, District Patiala, Punjab, as per the details mentioned in the Form 1, 1A, EMP & subsequent presentation / clarifications made by the project proponent and his consultant with, proposed measures, conditions:

**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 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 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 confirm to the suitability as prescribed under the provisions laid down under the master plan of respective city/ town. For

that, the project proponent shall either to submit the NOC/ land use conformity certificate from Deptt of Town and Country Planning or other concerned Authority under whom jurisdiction, the site falls.

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

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

- i) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- ii) A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii) The project proponent shall install system to carryout Ambient Air Quality monitoring for common /criterion parameters relevant-to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.
- iv) Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v) Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3m height or 1/3rd of the building height and maximum upto 10m). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
- vi) No Excavation of soil shall be carried out without adequate dust mitigation measures in place.

- vii) No loose soil or sand or construction & demolition waste or any other construction material that causes dust shall be left uncovered.
- viii) No uncovered vehicles carrying construction material and waste shall be permitted
- ix) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- x) Grinding and Cutting of building material in open area shall be prohibited. Wet jet shall be provided for grinding and stone cutting.
- xi) Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- xii) All construction and demolition debris shall be stored at the site within earmarked area and road side storage of construction material and waste shall be prohibited. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
- xiii) The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xiv) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xv) For indoor air quality the ventilation provisions as per National Building Code of India.
- xvi) Roads leading to or at construction site must be paved and blacktopped (i.e. metallic road)
- xvii) Dust Mitigation measures shall be displayed prominently at the construction site for easy public viewing.
- xviii) Construction and Demolition Waste Processing and Disposal site shall be identified and required dust mitigation measure be notified at the site. .

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

- i) The natural drain system should be maintained for ensuring unrestricted flow of water.
- ii) No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are



- allowed for maintaining the drainage pattern and to harvest rain water.
- iii) Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
  - iv) The total domestic water requirement for the project will be 1.5 KL/day, which shall be met with water dispensable bottles or water tankers.
  - v) a)The total wastewater generation from the project will be 1.2 KL/day, which will be treated in septic tank and the treated wastewater will be utilised onto land for plantation.  
b)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 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 i.e. (Tower/Mall) or in a common place in the project premises.
  - xii) The project proponent shall also adopt the new/innovating technologies like less water discharging taps (faucet with aerators)/urinals with

electronic sensor system /water less urinals / twin flush cisterns/ sensor based alarming system for overhead water storage tanks and make it a part of the environmental management plans / building plans so as to reduce the water consumption/ground water abstraction in their Building Construction & Industrial projects.

- xiii) The project proponent will provide colour coding of different pipe lines carrying water/wastewater from different sources / treated wastewater as per the IS standards.
- 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. Rain water harvesting recharge pits (7 Nos) /storage tanks shall be provided for ground water recharging as per the CGWB norms.
- xvi) A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xvii) All recharge should be limited to shallow aquifer.
- xviii) 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.
- xix) 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.
- xx) 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.
- xxi) No sewage or untreated effluent water would be discharged through storm water drains. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
- xxii) Sludge from the septic tank shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and

#### **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**

- v) 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.
- vi) Outdoor and common area lighting shall be LED.
- vii) 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.
- viii) Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- ix) 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.
- x) Solar power by utilizing at least 30% of the roof top area shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

#### **VI. Waste Management**

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

## **VII. Green Cover**

- i) No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
- ii) At least single line plantation all around the boundary of the project as

proposed shall be provided. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. A minimum of one tree for every 80 sqm of total project land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. The plantation should be provided as per SEIAA guidelines.

- iii) Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1: 10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- iv) Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
- v) The project proponent shall not use any chemical fertilizer /pesticides /insecticides and shall use only Herbal pesticides/insecticides and organic manure in the green area.
- vi) The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use.

### **VIII. Transport**

- i) A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
  - a) Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
  - b) Traffic calming measures.
  - c) Proper design of entry and exit points.
  - d) Parking norms as per local regulation.
- ii) Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- iii) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on

cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

- iv) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.

#### **IX. Human health issues**

- i) All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii) For indoor air quality the ventilation provisions as per National Building Code of India.
- iii) Emergency preparedness plan based on the Hazard identification and Risk Assessment (HJRA) and Disaster Management Plan shall be implemented.
- iv) 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.
- v) Occupational health surveillance of the workers shall be done on a regular basis.
- vi) A First Aid Room shall be provided in the project both during construction and operations of the project.

#### **X. Corporate Environment Responsibility**

- i) The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities for spending at least minimum amount of Rs. 5.00 Lacs towards development of toilets and its maintenance in the Govt. School in village Chamaru, Tehsil Rajpura, Distt. Patiala.
- ii) 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.

- iii) A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. The project proponent shall spend minimum amount of Rs 23 Lakhs towards capital cost and Rs 4.0 Lakhs/annum towards recurring cost in Construction phase of the project including the environmental monitoring cost and shall spend minimum amount of Rs 7.6 Lakhs/annum towards 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 environmental management plan is transferred to the occupier/residents society under proper MOU under intimation to SEIAA, Punjab. Year wise progress of implementation of 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.
- iii) The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
- iv) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.

- v) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- vi) The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at Environment Clearance portal.
- vii) The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- viii) The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- ix) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x) The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- xi) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xii) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xiii) The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiv) The 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 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.

The case was considered by the SEIAA in its 160<sup>th</sup> meeting held on 30.01.2020 and the same was attended by the following on behalf of the project proponent:

- (i) Sh. Darshan Punshi, Partner.
- (ii) Sh. Sandeep Garg, M/s ECO Laboratories & Consultants Pvt. Ltd.

Environmental Consultant of the promoter company presented the salient features of the project and requested for grant of environmental clearance.

During discussions, representative of the promoter company agreed to comply with fully all the conditions as mentioned by SEAC except the condition no x) for Water quality monitoring and preservation.

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.

Therefore, the Authority decided to accept the recommendations of SEAC and grant environmental clearance for establishment of Warehouse Project (Freight Complex) having built up area 32321.43 sqm in total land area of 64679.40 sqm located in the revenue estate of village Mehtabgarh, Tehsil Rajpura, Distt. Patiala to be developed by M/s Binny Warehousing .as per the details mentioned in Form 1, 1A, EMP & subsequent presentations/ clarifications made by the project proponent and his Environmental Consultant, proposed measures and with the following amendments in the conditions as proposed by SEAC:

**Conditions to be deleted as under**

**Condition no. x) of III. Water quality monitoring and preservation**

- viii) 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.

**Conditions to be amended as under:**

**Condition no. xv) of XII. Miscellaneous**

- xxv) The Regional Office of this Ministry and Punjab Pollution Control Board (PPCB) 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

**Condition no. iv) of V. Energy Conservation measures**

- xi) Energy conservation measures like installation of LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.

**Item No. 160.11: Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand & Gravel) from the bed of river Ujh, tributary of Ravi river in the revenue estate of village Sarota, Tehsil & District Pathankot, Punjab of General Manager cum Mining Officer, District Industries Centre, Pathankot. (Proposal No. SIA/PB/MIN/60099/2016).**

SEIAA observed that

The General Manager cum Mining Officer, District Industries Centre, Pathankot vide online application dated 06.04.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Ujh, tributary of Ravi river in the revenue estate of village Sarota, Tehsil & District Pathankot, Punjab. The project is covered under category 1 (a) of the Schedule appended to the said notification.

The case was considered by SEAC in its 157<sup>th</sup> meeting held on 12.04.2017, which was attended by the following on behalf of project proponent:

1. Sh. Balvinder Pal Singh, General Manager-cum-Mining officer, DIC, Pathankot.
2. Sh. Paras Mahajan, Asst. Geologist.
3. Sh. S. Brahma, HOD-EIA & Shivani Duti, M/s Shivalik Solid Waste Management Ltd., Environmental consultant of the project proponent.

The case could not be taken up due to paucity of time and SEAC deferred the same.

The case was considered by SEAC in its 158<sup>th</sup> meeting held on 27.04.2017, which was attended by the following on behalf of project proponent:

1. Sh. Balvinder Pal Singh, General Manager-cum-Mining officer, DIC, Pathankot.
2. Sh. Sushminder Singh, State Geologist.
3. Sh. S. Brahma, HOD-EIA, M/s Shivalik Solid Waste Management Ltd., Environmental consultant of the project proponent.

Before allowing Environmental consultant to present the case, the SEAC queried that whether land of the mining project involve private ownership land. In reply to this query, project proponent informed that the mining is to be carried out from the private ownership land. To an another query of SEAC whether consents of the concerned land owner(s) have been obtained for carrying out the mining operation, project proponent sought time to submit the consent letter and requested for deferment.

After discussion, SEAC accepted the request of project proponent and decided to defer the case.

The case was considered by SEAC in its 159<sup>th</sup> meeting held on 01.05.2017, but no one from the project proponent attended the meeting and not submitted any consent letter from the land owner. In light of Office Memorandum dated 25.02.2010 of MoEF, Govt. of India, the SEAC decided to defer the case and asked the project proponent to attend next meeting of the SEAC as and when held.

The case was considered by SEAC in its 184<sup>th</sup> meeting held on 21.09.2019, wherein, SEAC decided to defer the case and issue notice to the project proponent to submit reply of the observations raised by SEAC in 158<sup>th</sup> meeting held on 27.04.2017, within week time failing which it will be assumed that the project proponent is not interested to proceed further and the said case will be recommended for delisting in light of the Office Memorandum dated 30.10.2012 issued by the MoEF&CC, Govt. of India.

Accordingly, the project proponent was asked to submit reply within one week vide this office letter no. 935 dated 01.11.2019, however, no reply has been received in this regard, till date.

Additional details are given as under:

1	Proposal No	SIA/PB/MIN/60099/2016
2	Date of submission of application	06.04.2017
3	Date of acceptance of application	11.04.2017
4	Last meeting of SEAC in which case was considered	184th meeting held on 21.09.2019
5	Observations	Meetings not being attended by the PP
6	Date of ADS	01.05.2017
7	Details of notice issued, if any	Issued vide no. 935 dated 01.11.2019
8	Reply to the notice received or not	Not Received

MoEF, GoI has issued an OM dated 30.10.2012 regarding procedure to be adopted for delisting of various cases and the relevant part of the same is given as under:

1. All projects where additional information desired has not been submitted even after 6 months of the Expert Appraisal Committee (EAC) meeting should be delisted from the list of pending projects.
2. For the projects pending between 3 to 6 months of the EAC meeting for want of information, reminder may be sent seeking information within a month. If the information is not received within this period, even these projects may be de-listed.

The matter was considered in 185<sup>th</sup> meeting of SEAC and no one from the project proponent appeared for attending the hearing. SEAC observed that the project proponent is not interested in pursuing the case and took serious note of the same.

After detailed deliberations, SEAC decided to recommend the case to SEIAA to delist the application as per the OM dated 30.10.2012 issued by MoEF&CC.

The matter was considered by SEIAA in its 160<sup>th</sup> meeting of SEIAA held on 30.01.2020 and SEIAA observed that the project proponent has neither replied to the observations conveyed on 03.01.2018 through online facility of additional detail

sought (ADS) available on the web portal nor to the notice issued vide letter no 935 dated 01.11.2019. It was felt that the project proponent was not willing to pursue his case.

SEIAA also observed that as per MoEF, GoI OM dated 30.10.2012 all projects where additional information desired has not been submitted even after 6 months of the Expert Appraisal Committee (EAC) meeting should be delisted from the list of pending projects.

After detail deliberations, SEIAA decided that the case be delisted in light of OM dated 30.10.2012 as no reply has been submitted by the project proponent since more than 6 months and the project proponent be informed accordingly.

**Item No. 160.12: Application for obtaining Environmental Clearance (EC) under EIA notification dated 14.09.2006 for modernisation of in mining method for the mining of minor mineral in an area of 4.5583 ha located in Village Rana, Tehsil Fazilka, District Fazilka by Sh. Surjeet Singh. (Proposal No. SIA/PB/MIN/35045/2017).**

SEIAA observed that

Sh. Surjeet Singh has applied online for obtaining Environmental clearance under EIA notification dated 14.09.2006 for modernisation of in mining method for the mining of minor mineral in an area of 4.5583 ha located in Village Rana, Tehsil Fazilka, District Fazilka. The project of the promoter pertains to category 'B-2' with activity listed at 1 (a) of the Schedule appended to the said notification.

The project was accorded Environmental clearance by DEIAA, Fazilka vide letter no 623 dated 18.05.2017 for the production capacity of 1,30,907 TPA by opencast manual method on the name of The general Manager- cum-Mining Officer, District Industries centre, Fazilka, Ferozepur. EC letter was transferred in name of Sh. Surjeet Singh S/o Sh. Kartar Singh Vide letter no. 993 dated 21.07.2017. Now lessee wants to change the technology of mining. Proposed method is opencast Semi-Mechanized For the optimum utilization of the

mineral available in the auctioned mining area.

The case was placed in the 181<sup>st</sup> meeting of SEAC. But no one on behalf of project proponent as well as Environmental Consultant attended the said meeting. After deliberation, SEAC decided to defer the case in light of OM dated 25.02.2010 and to place the case in the next meeting of SEAC as and when scheduled.

The case was placed in the 184<sup>th</sup> meeting of SEAC held on 21.09.2019. But no one on behalf of project proponent as well as Environmental Consultant attended the said meeting. After deliberation, SEAC decided to defer the case and issue notice to the project proponent to explain the reasons for not attending the meeting to present his case, within week time failing which it will be assumed that the project proponent is not interested to proceed further and the said case will be recommended for delisting in light of the Office Memorandum dated 30.10.2012 issued by the MoEF&CC, Govt. of India.

Accordingly, the project proponent was asked to submit reply within one week vide this office letter no. 939 dated 01.11.2019, however, no reply has been received in this regard, till date.

Additional details are given as under:

1	Proposal No	SIA/PB/MIN/35045/2017
2	Date of submission of application	01.05.2019
3	Date of acceptance of application	08.05.2019
4	Last meeting of SEAC in which case was considered	184 <sup>th</sup> meeting held on 21.09.2019
5	Observations	Meetings not being attended by the PP
6	Date of ADS	30.08.2019
7	Details of notice issued, if any	Issued vide no. 939 dated 01.11.2019
8	Reply to the notice received or not	Not Received

MoEF, GoI has issued an OM dated 30.10.2012 regarding procedure to be adopted for delisting of various cases and the relevant part of the same is given as under:

1) All projects where additional information desired has not been submitted even

after 6 months of the Expert Appraisal Committee (EAC) meeting should be delisted from the list of pending projects.

- 2) For the projects pending between 3 to 6 months of the EAC meeting for want of information, reminder may be sent seeking information within a month. If the information is not received within this period, even these projects may be de-listed

The matter was considered in 185<sup>th</sup> meeting of SEAC and no one from the project proponent appeared for attending the hearing. SEAC was apprised that the notice sent to the project proponent was received undelivered. However, an email on 30/10/2019 was also sent to the project proponent on the email id as provided in Form-1. SEAC observed that the project proponent is not interested in pursuing the case and took serious note of the same.

After detailed deliberations, SEAC decided to recommend the case to to delist the application as per the OM dated 30.10.2012 issued by MoEF&CC.

The matter was considered by SEIAA in its 160<sup>th</sup> meeting of SEIAA held on 30.01.2020 and SEIAA observed that the project proponent has neither replied to the observations conveyed on 30.08.2019 through online facility of additional detail sought (ADS) available on the web portal nor to the notice issued vide letter no 939 dated 01.11.2019. It was felt that the project proponent was not willing to pursue his case.

SEIAA also observed that as per MoEF, GoI OM dated 30.10.2012 all projects where additional information desired has not been submitted even after 6 months of the Expert Appraisal Committee (EAC) meeting should be delisted from the list of pending projects.

After detail deliberations, SEIAA decided that the case be delisted in light of OM dated 30.10.2012 as no reply has been submitted by the project proponent since more than 6 months and the project proponent be informed accordingly.

**Item No. 160.13: Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Ravi in the revenue estate of village Kot Rajda, Tehsil Ajnala, District Amritsar, Punjab of General Manager cum Mining Officer, District Industries Centre, Amritsar.(Proposal No. SIA/PB/MIN/70513/2017).**

SEIAA observed that

The General Manager cum Mining Officer, District Industries Centre, Amritsar vide online application dated 14.12.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Ravi in the revenue estate of village Kot Rajda, Tehsil Ajnala, District Amritsar. The project is covered under category 1 (a) of the Schedule appended to the said notification.

The case was considered by the SEAC in its 160<sup>th</sup> meeting held on 22.12.2017, wherein, following observations were raised:

Sr. no	Observations
1	The project proponent is required to submit the consent of the land owner as per the requirement of Sustainable Sand Mining Guidelines, 2016 framed by the MoEF&CC.
2	The project proponent is required to submit the contour plan showing river bed level, water level and present surface levels at various cross sections etc
3	The project proponent is required to submit the traffic management plan citing complete details of route plan to be followed by trucks transporting minor minerals with traffic volume data etc so that there is hassle free movement and villagers should not face any problem.
4	The manpower to be deployed at the project seems to be on lower side. Thus, the project proponent is required to submit the justification of man power requirement for mining of minor minerals / loading of materials.
5	The project proponent told during meeting that District Survey Report of District Amritsar has been finalized as per notification dated 15.01.2016 issued by MoEF. However, he failed to submit any documentary evidence for the same. Thus, the SEAC asked the project proponent to submit the same before the next meeting.
6	The project proponent is required to submit the site specific CSR plan.

Accordingly, ADS were raised online.

Complete details of the case are given as under:



1	Proposal No	SIA/PB/MIN/70513/2017
2	Date of submission of application	02.12.2017
3	Date of acceptance of application	19.12.2017
4	Last meeting of SEAC in which case was considered	160 <sup>th</sup> meeting held on 22.12.2017
5	Observations	As mentioned above
6	Date of ADS	03.01.2018
7	Details of notice issued, if any	Issued vide no. 930 dated 29/10/2019
8	Reply to the notice received or not	Not Received

MoEF, GoI has issued an OM dated 30.10.2012 regarding procedure to be adopted for delisting of various cases and the relevant part of the same is given as under:

1. All projects where additional information desired has not been submitted even after 6 months of the Expert Appraisal Committee (EAC) meeting should be delisted from the list of pending projects.
2. For the projects pending between 3 to 6 months of the EAC meeting for want of information, reminder may be sent seeking information within a month. If the information is not received within this period, even these projects may be de-listed.

The matter was considered in 185<sup>th</sup> meeting of SEAC and no one from the project proponent appeared for attending the hearing. SEAC was apprised that notice sent to the project proponent was received undelivered. SEAC observed that the project proponent is not interested in pursuing the case and took serious note of the same.

After detailed deliberations, SEAC decided to recommend the case to SEIAA to delist the application as per the OM dated 30.10.2012 issued by MoEF&CC.

The matter was considered by SEIAA in its 160<sup>th</sup> meeting of SEIAA held on 30.01.2020. However, no one has attended the meeting. During the meeting, SEIAA was apprised as under:-

- 1) The project proponent has applied two online proposals having following details:  
Proposal No. SIA/PB/MIN/75585/2018  
Proposal No: SIA/PB/MIN/70513/2017
- 2) While forwarding the proposal no 75585 to SEIAA for grant of EC, SEAC in 175<sup>th</sup> meeting held on 22.01.2019 decided that GMDIC, Amritsar and M/s Shivalik Solid Waste Management Ltd., Zirakpur, Environmental Consultant be asked to withdraw the old application earlier submitted online (Proposal No. SIA/PB/MIN/70513/2017 i.e present case) for the same site.
- 3) The case(Proposal No. SIA/PB/MIN/75585/2018) was considered by the SEIAA in its 144<sup>th</sup> meeting held on 22.02.2019 wherein SEIAA decided to remand the case to SEAC to re-examine the same in light of the NGT orders dated 13.09.2018, 11.12.2018 and MoEFCC Office Memorandum dated 12.12.2018 w.r.t applicability of the General Conditions and public hearing in this case and send the recommendations accordingly
- 4) The case (Proposal No. SIA/PB/MIN/75585/2018), was considered lastly by the SEIAA in its 145<sup>th</sup> meeting held on 15.03.2019 where in SEIAA among other decisions decided that clarification be sought from the MoEF&CC as to whether notification 14.08.2018 is operative or not, in light of the Hon'ble NGT orders dated 11.12.2018 so as to decide the applicability of General Condition in the matter. Accordingly, the MoEF&CC, New Delhi was requested vide no.335 dated 02.04.2019 to clarify as to whether notification 14.08.2018 is operative or not, in light of the Hon'ble NGT orders dated 11.12.2018 so as to decide the applicability of General Condition in the matter. However, no reply has been received so far.
- 5) Meanwhile, a CWP No 20853 of 2019 titled Premdeep Singh Shargill Vs State of Punjab has been filed in the Hon'ble Haryana High Court. The SEIAA, Punjab has been impleaded as one of the Respondent as Repsondent no. 5. The said case came up for hearing before the Hon'ble Court on 20.01.2020 and it was ordered as under:  
"Notice of motion to respondents No.1 to 3 as well as for 23.03.2020 . It has been pointed out that State Environment Impact Assessment Authority is

not a party. Learned counsel for the petitioner prays for time to do the needful.”

In the said CWP, it has been alleged that SEIAA is not issuing environmental clearance on one pretext or the other.

After detail deliberations, SEIAA decided as under :-

- 1) Proposal No (SIA/PB/MIN/70513/2017) be delisted in light of OM dated 30.10.2012 as GMDIC, Amritsar and M/s Shivalik Solid Waste Management Ltd., Zirakpur, Environmental Consultant has failed to withdraw his application earlier submitted online .
- 2) Directorate of Environment & Climate Change be requested to engage advocate on behalf of SEIAA to defend the matter in the Hon'ble High Court.
- 3) Reply in the CWP No 20853 of 2019 titled Premdeep Singh Shargill Vs State of Punjab be prepared and sent to Counsel engaged in the case for seeking any further additions / suggestions. As and when draft reply is received from the counsel, the same may be placed in the meeting of SEIAA for perusal/consideration, for filing the final reply in the Hon'ble High Court before 23.03.2020.

**Item No. 160.14: Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Beas in the revenue estate of village Shero Nigah, Tehsil Baba Bakala, District Amritsar, Punjab of General Manager cum Mining Officer, District Industries Centre, Amritsar.(Proposal No. SIA/PB/MIN/70521/2017)**

SEIAA observed that

The General Manager cum Mining Officer, District Industries Centre, Amritsar vide online application dated 14.12.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Ravi in the revenue estate of village Shero Nigah, Tehsil Baba Bakala, District Amritsar, Punjab of General Manager cum Mining Officer, District Industries Centre, Amritsar. The project is covered under category 1 (a) of the Schedule appended to the said notification.

The case was considered by the SEAC in its 160<sup>th</sup> meeting held on 22.12.2017, wherein, following observations were raised:

Sr. no	Observations
1	The project proponent is required to submit the consent of the land owner as per the requirement of Sustainable Sand Mining Guidelines, 2016 framed by the MoEF&CC.
2	The project proponent is required to submit the contour plan showing river bed level, water level and present surface levels at various cross sections etc
3	The project proponent is required to submit the traffic management plan citing complete details of route plan to be followed by trucks transporting minor minerals with traffic volume data etc so that there is hassle free movement and villagers should not face any problem.
4	The manpower to be deployed at the project seems to be on lower side. Thus, the project proponent is required to submit the justification of man power requirement for mining of minor minerals / loading of materials.
5	The project proponent told during meeting that District Survey Report of District Amritsar has been finalized as per notification dated 15.01.2016 issued by MoEF. However, he failed to submit any documentary evidence for the same. Thus, the SEAC asked the project proponent to submit the same before the next meeting.
6	The project proponent is required to submit the site specific CSR plan.

Accordingly, ADS were raised online.

Complete details of the case are given as under:

1	Proposal No	SIA/PB/MIN/70521/2017
2	Date of submission of application	02.12.2017
3	Date of acceptance of application	14.12.2017
4	Last meeting of SEAC in which case was considered	160 <sup>th</sup> meeting held on 22.12.2017
5	Observations	As mentioned above
6	Date of ADS	03.01.2018
7	Details of notice issued, if any	Issued vide no. 925 dated 29/10/2019
8	Reply to the notice received or not	Not Received

MoEF, GoI has issued an OM dated 30.10.2012 regarding procedure to be adopted for delisting of various cases and the relevant part of the same is given as under:

- 1) "All projects where additional information desired has not been submitted even after 6 months of the Expert Appraisal Committee (EAC) meeting should be delisted from the list of pending projects."
- 2) For the projects pending between 3 to 6 months of the EAC meeting for want of information, reminder may be sent seeking information within a month. If the information is not received within this period, even these projects may be de-listed.

The matter was considered in 185<sup>th</sup> meeting of SEAC and no one from the project proponent appeared for attending the hearing. SEAC observed that the project proponent is not interested in pursuing the case and took serious note of the same.

After detailed deliberations, SEAC decided to recommend the case to SEIAA to delist the application as per the OM dated 30.10.2012 issued by MoEF&CC.

The matter was considered by SEIAA in its 160<sup>th</sup> meeting of SEIAA held on 30.01.2020 and SEIAA observed that the project proponent has neither replied to the observations conveyed on 03.01.2018 through online facility of additional detail sought (ADS) available on the web portal nor to the notice issued vide letter no 925 dated 29.10.2019. It was felt that the project proponent was not willing to pursue his case.

SEIAA also observed that as per MoEF, GoI OM dated 30.10.2012 all projects where additional information desired has not been submitted even after 6 months of the Expert Appraisal Committee (EAC) meeting should be delisted from the list of pending projects.

After detail deliberations, SEIAA decided that the case be delisted in light of OM dated 30.10.2012 as no reply has been submitted by the project proponent since more than 6 months and the project proponent be informed accordingly.

**Item No. 160.15: Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Beas in the revenue estate of village Shero Bagha, Tehsil Baba Bakala, District Amritsar, Punjab of General Manager cum Mining Officer, District Industries Centre, Amritsar.(Proposal No. SIA/PB/MIN/ 70516/2017)**

SEIAA observed that

The General Manager cum Mining Officer, District Industries Centre, Amritsar vide online application dated 14.12.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Ravi in the revenue estate of village Shero Bagha, Tehsil Baba Bakala, District Amritsar, Punjab of General Manager cum Mining Officer, District Industries Centre, Amritsar. The project is covered under category 1 (a) of the Schedule appended to the said notification.

The case was considered by the SEAC in its 160<sup>th</sup> meeting held on 22.12.2017, wherein, following observations were raised:

Sr. no	Observations
1	The project proponent is required to submit the consent of the land owner as per the requirement of Sustainable Sand Mining Guidelines, 2016 framed by the MoEF&CC.
2	The project proponent is required to submit the contour plan showing river bed level, water level and present surface levels at various cross sections etc
3	The project proponent is required to submit the traffic management plan citing complete details of route plan to be followed by trucks transporting minor minerals with traffic volume data etc so that there is hassle free movement and villagers should not face any problem.
4	The manpower to be deployed at the project seems to be on lower side. Thus, the project proponent is required to submit the justification of man power requirement for mining of minor minerals / loading of materials.
5	The project proponent told during meeting that District Survey Report of District Amritsar has been finalized as per notification dated 15.01.2016 issued by MoEF. However, he failed to submit any documentary evidence for the same. Thus, the SEAC asked the project proponent to submit the same before the next meeting.

6	The project proponent is required to submit the site specific CSR plan. Accordingly, ADS were raised online.
---	--

Complete details of the case are given as under:

1	Proposal No	SIA/PB/MIN/70516/2017
2	Date of submission of application	02.12.2017
3	Date of acceptance of application	14.12.2017
4	Last meeting of SEAC in which case was considered	160 <sup>th</sup> meeting held on 22.12.2017
5	Observations	As mentioned above
6	Date of ADS	03.01.2018
7	Details of notice issued, if any	Issued vide no. 926 dated 29/10/2019
8	Reply to the notice received or not	Not Received

MoEF, GoI has issued an OM dated 30.10.2012 regarding procedure to be adopted for delisting of various cases and the relevant part of the same is given as under:

- 1) "All projects where additional information desired has not been submitted even after 6 months of the Expert Appraisal Committee (EAC) meeting should be delisted from the list of pending projects."
- 2) For the projects pending between 3 to 6 months of the EAC meeting for want of information, reminder may be sent seeking information within a month. If the information is not received within this period, even these projects may be de-listed.

The matter was considered in 185<sup>th</sup> meeting of SEAC and no one from the project proponent appeared for attending the hearing. SEAC observed that the project proponent is not interested in pursuing the case and took serious note of the same.

After detailed deliberations, SEAC decided to recommend the case to SEIAA to delist the application as per the OM dated 30.10.2012 issued by MoEF&CC.

The matter was considered by SEIAA in its 160<sup>th</sup> meeting of SEIAA held on 30.01.2020 and SEIAA observed that the project proponent has neither replied to the observations conveyed on 03.01.2018 through online facility of additional detail sought (ADS) available on the web portal nor to the notice issued vide letter no 926

dated 29.10.2019. It was felt that the project proponent was not willing to pursue his case.

SEIAA also observed that as per MoEF, GoI OM dated 30.10.2012 all projects where additional information desired has not been submitted even after 6 months of the Expert Appraisal Committee (EAC) meeting should be delisted from the list of pending projects.

After detail deliberations, SEIAA decided that the case be delisted in light of OM dated 30.10.2012 as no reply has been submitted by the project proponent since more than 6 months and the project proponent be informed accordingly.

**Item No. 160.16: Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Beas in the revenue estate of Village Munda Pind, Tehsil Khadoor Sahib, District Tarn Taran, Punjab of General Manager cum Mining Officer, District Industries Centre, Amritsar.(Proposal No. SIA/PB/MIN/ 70523/ 2017).**

SEIAA observed that

The General Manager cum Mining Officer, District Industries Centre, Amritsar vide online application dated 14.12.2017, has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (Sand) from the bed of river Ravi in the revenue estate of Village Munda Pind, Tehsil Khadoor Sahib, District Tarn Taran, Punjab of General Manager cum Mining Officer, District Industries Centre, Amritsar. The project is covered under category 1 (a) of the Schedule appended to the said notification.

The case was considered by the SEAC in its 160<sup>th</sup> meeting held on 22.12.2017, wherein, following observations were raised:



Sr. no	Observations
1	The project proponent is required to submit the consent of the land owner as per the requirement of Sustainable Sand Mining Guidelines, 2016 framed by the MoEF&CC.
2	The project proponent is required to submit the contour plan showing river bed level, water level and present surface levels at various cross sections etc
3	The project proponent is required to submit the traffic management plan citing complete details of route plan to be followed by trucks transporting minor minerals with traffic volume data etc so that there is hassle free movement and villagers should not face any problem.
4	The manpower to be deployed at the project seems to be on lower side. Thus, the project proponent is required to submit the justification of man power requirement for mining of minor minerals / loading of materials.
5	The project proponent told during meeting that District Survey Report of District Amritsar has been finalized as per notification dated 15.01.2016 issued by MoEF. However, he failed to submit any documentary evidence for the same. Thus, the SEAC asked the project proponent to submit the same before the next meeting.
6	The project proponent is required to submit the site specific CSR plan.

Accordingly, ADS were raised online.

Complete details of the case are given as under:

1	Proposal No	SIA/PB/MIN/70523/2017
2	Date of submission of application	01.12.2017
3	Date of acceptance of application	14.12.2017
4	Last meeting of SEAC in which case was considered	160 <sup>th</sup> meeting held on 22.12.2017
5	Observations	As mentioned above
6	Date of ADS	03.01.2018
7	Details of notice issued, if any	Issued vide no. 928 dated 29/10/2019
8	Reply to the notice received or not	Not Received

MoEF, GoI has issued an OM dated 30.10.2012 regarding procedure to be adopted for delisting of various cases and the relevant part of the same is given as under:

- 1) "All projects where additional information desired has not been submitted even after 6 months of the Expert Appraisal Committee (EAC) meeting should be delisted from the list of pending projects."
- 2) For the projects pending between 3 to 6 months of the EAC meeting for want of information, reminder may be sent seeking information within a month. If the information is not received within this period, even these projects may be de-listed.

The matter was considered in 185<sup>th</sup> meeting of SEAC and no one from the project proponent appeared for attending the hearing. SEAC observed that the project proponent is not interested in pursuing the case and took serious note of the same.

After detailed deliberations, SEAC decided to recommend the case to SEIAA to delist the application as per the OM dated 30.10.2012 issued by MoEF&CC.

The matter was considered by SEIAA in its 160<sup>th</sup> meeting of SEIAA held on 30.01.2020 and SEIAA observed that the project proponent has neither replied to the observations conveyed on 03.01.2018 through online facility of additional detail sought (ADS) available on the web portal nor to the notice issued vide letter no 928 dated 29.10.2019. It was felt that the project proponent was not willing to pursue his case.

SEIAA also observed that as per MoEF, GOI, OM dated 30.10.2012 all projects where additional information desired has not been submitted even after 6 months of the Expert Appraisal Committee (EAC) meeting should be delisted from the list of pending projects.

After detail deliberations, SEIAA decided that the case be delisted in light of OM dated 30.10.2012 as no reply has been submitted by the project proponent since more than 6 months and the project proponent be informed accordingly.

**Item No. 160.17: Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of Residential Project namely "Bollywood Floors" located at Village Landran, Sector 113, District S.A.S. Nagar (Mohali), Punjab developed by M/s Lark Projects Pvt. Ltd. (Proposal no. SIA/PB/NCP/73852/2018)**

SEIAA observed that

The project proponent has filed an application for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of Residential Project namely "Bollywood Floors" located at Village Landran, Sector 113, District S.A.S. Nagar (Mohali), Punjab.

The case was considered by SEAC in the 168<sup>th</sup> meeting held on 22.06.2018. Before allowing the presentation, the SEAC asked the project proponent to prove that it is not a case of violation, to which the project proponent submitted reply.

SEAC was not satisfied with the reply submitted by the project proponent and decided to defer the case and ask the project proponent to submit following documents to prove that it is not a case of violation:

- 1) A Copy of the 8 types of plans submitted to GMADA.
- 2) Copies of the receipts of fee deposited to GMADA for approval of plans.
- 3) A copy of the forwarding letter written to GMADA.
- 4) A copy of the license of the architect who has prepared the drawings.
- 5) Any other documents to prove that the total built up area of 48 plots is not more than 20000 sqm.

Accordingly, ADS was raised online.

Complete details of the case are given as under:

1	Proposal No	SIA/PB/NCP/73852/2018
2	Date of submission of application	15.05.2018
3	Date of acceptance of application	19.06.2018
4	Last meeting of SEAC in which case was considered	168th meeting held on 22.06.2018

5	Observations	As mentioned above
6	Date of ADS	11.07.2018
7	Details of notice issued, if any	Issued vide no. 929 dated 29/10/2019
8	Reply to the notice received or not	Not Received

MoEF, GoI has issued an OM dated 30.10.2012 regarding procedure to be adopted for delisting of various cases and the relevant part of the same is given as under:

- 1) All projects where additional information desired has not been submitted even after 6 months of the Expert Appraisal Committee (EAC) meeting should be delisted from the list of pending projects.
- 2) For the projects pending between 3 to 6 months of the EAC meeting for want of information, reminder may be sent seeking information within a month. If the information is not received within this period, even these projects may be de-listed.

The matter was considered in 185<sup>th</sup> meeting of SEAC and no one from the project proponent appeared for attending the hearing. SEAC observed that the project proponent is not interested in pursuing the case and took serious note of the same.

After detailed deliberations, SEAC decided to recommend the case to SEIAA to delist the application as per the OM dated 30.10.2012 issued by MoEF&CC.

The matter was considered by SEIAA in its 160<sup>th</sup> meeting of SEIAA held on 30.01.2020 and SEIAA observed that the project proponent has neither replied to the observations conveyed on 11.07.2018 through online facility of additional detail sought (ADS) available on the web portal nor to the notice issued vide letter no 929 dated 29.10.2019. It was felt that the project proponent was not willing to pursue his case.

SEIAA also observed that as per MoEF, GoI OM dated 30.10.2012 all projects where additional information desired has not been submitted even after 6

months of the Expert Appraisal Committee (EAC) meeting should be delisted from the list of pending projects.

After detail deliberations, SEIAA decided that

- i) Case be delisted in light of OM dated 30.10.2012 as no reply has been submitted by the project proponent since more than 6 months and the project proponent be informed accordingly.
- ii) PPCB should be asked to ensure that there was no violation of EPA in this case.

**Item No. 160.18: Application for environmental clearance under EIA notification dated 14.09.2006 for the development of residential apartment complex project namely "Palace Enclave" at Village Agwar Gujran, Tehsil Jagraon, District Ludhiana, Punjab by M/s Palace Infratech Pvt. Ltd. (Proposal no. SIA/PB/NCP/56377/2016).**

SEIAA observed that

M/s Palace Infratech Pvt. Ltd. has applied for environmental clearance under EIA notification dated 14.09.2006 for the development of residential apartment complex project namely "Palace Enclave" at Village Agwar Gujran, Tehsil Jagraon, District Ludhiana, Punjab. The project is covered under category 8 (a) of the Schedule appended to the said notification.

The case was considered by the SEAC in its 147<sup>th</sup> meeting held on 30.06.2016, wherein, SEAC observed that as per report of Regional Office, the construction has already been started at site. The SEAC asked the project proponent as to why the construction status has not been mentioned in the application form. To this observation of SEAC, the project proponent replied that whatever little construction activity has been done at site was of earlier project which was not covered under EIA notification. But the project proponent could not produce any documentary evidence to prove his contention. He requested that he will submit the documentary evidence and sought some time to submit the same.

After detailed deliberations, the SEAC decided to defer the case and ask the project proponent to submit the documentary evidence in this regard before any further action in the matter can be taken. Accordingly, ADS was

raised online on 07.07.2016. Also, the decision of the SEAC has been conveyed to the project proponent vide letter no. 2900 dated 14.07.2016.

The project proponent submitted the reply to the observation on 23.08.2016, which was placed in 149<sup>th</sup> meeting of SEAC held on 29.08.2016. The SEAC perused the reply submitted by the project proponent and did not find it satisfactory. The project proponent also could not satisfy the committee to the effect that earlier the project was for two towers only. To this observation, the project proponent sought time for producing some more documentary evidence and requested for deferment of case.

After deliberations, the SEAC decided to defer the case till the project proponent submits reply to the aforesaid observations.

Accordingly, ADS was again raised online.

Complete details of the case are given as under:

1	Proposal No	SIA/PB/NCP/56377/2016
2	Date of submission of application	23.06.2016
3	Date of acceptance of application	24.06.2016
4	Last meeting of SEAC in which case was considered	149th meeting of SEAC held on 29.08.2016
5	Observations	As mentioned above
6	Date of ADS	11.07.2018
7	Details of notice issued, if any	Issued vide no. 927 dated 29/10/2019
8	Reply to the notice received or not	Not Received

MoEF, GoI has issued an OM dated 30.10.2012 regarding procedure to be adopted for delisting of various cases and the relevant part of the same is given as under:

- 1) All projects where additional information desired has not been submitted even after 6 months of the Expert Appraisal Committee (EAC) meeting should be delisted from the list of pending projects.

- 2) For the projects pending between 3 to 6 months of the EAC meeting for want of information, reminder may be sent seeking information within a month. If the information is not received within this period, even these projects may be de-listed.

The matter was considered in 185<sup>th</sup> meeting of SEAC and no one from the project proponent appeared for attending the hearing. SEAC observed that the project proponent is not interested in pursuing the case and took serious note of the same.

After detailed deliberations, SEAC decided to recommend the case to SEIAA to delist the application as per the OM dated 30.10.2012 issued by MoEF&CC. Matter is placed before SEAC for consideration.

The matter was considered by SEIAA in its 160<sup>th</sup> meeting of SEIAA held on 30.01.2020 and SEIAA observed that the project proponent has neither replied to the observations conveyed on 11.07.2018 through online facility of additional detail sought (ADS) available on the web portal nor to the notice issued vide letter no 927 dated 29.10.2019. It was felt that the project proponent was not willing to pursue his case.

SEIAA also observed that as per MoEF, GoI OM dated 30.10.2012 all projects where additional information desired has not been submitted even after 6 months of the Expert Appraisal Committee (EAC) meeting should be delisted from the list of pending projects.

After detail deliberations, SEIAA decided that

- i) Case be delisted in light of OM dated 30.10.2012 as no reply has been submitted by the project proponent since more than 6 months and the project proponent be informed accordingly.
- ii) PPCB should be asked to ensure that there was no violation of EPA in this case.

**Item No. 160.19: Application for environmental clearance under EIA notification dated 14.09.2006 for the establishment of a group housing project namely "Insignia" located at Daunmajra, Kharar, S.A.S Nagar Mohali by M/s Virtue Land Developers (P) Ltd., SCO 40-41, Sector 9-D Madhya Marg, Chandigarh, Proposal No. SIA/PB/NCP /71603/2017**

SEIAA observed that

M/s Virtue Land Developers (P) Ltd. has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of a group housing project namely Insignia located at Daunmajra, Kharar, S.A.S Nagar Mohali. The project is covered under category building construction 8 (a) of the Schedule appended to the said notification.

The case was considered by the SEAC in its 163<sup>rd</sup> meeting held on 13.03.2018 in which SEAC observed that Supdtt. Engineer(C-I), GMADA, SAS Nagar vide letter no. 608 dated 05.03.18 has informed that the project being approved by the Competent Authority and located in Master Plan of Mohali, GMADA will provide trunk services like water supply and sewerage for project against the External Development Charges. Since presently these services have not been provided at the site by GMADA, Project proponent will have to make his own arrangements at his own cost for these services till such time these services are provided by GMADA. The SEAC observed that letter of GMADA submitted by the project proponent does not satisfy its observation made during the previous meeting and project proponent has still not given any satisfactory alternate disposal arrangements for the treated waste water in the absence of connectivity with the public sewer.

To this observation, the project proponent offered to submit irrevocable lease deed of 4 acres land for a period of 05 years to take care of the treated waste water of the project. The SEAC decided that irrevocable lease agreement to be signed between project proponent and land owner of adjoining 04 acres land shall be prepared and certified to be correct in the eyes of laws by any registered Advocate member of bar council. The project proponent and land



owner shall also undertake that the said 04 acres parcel of land will be solely used for the purpose of discharge of the treated waste water to be generated from the proposed project and the land will be developed as per Karnal technology for proper utilization of the waste water. The said land will not be sold or put into any other use during the lease agreement period. The period of lease agreement will be suitably extended in case sewer connectivity is not available to the project site after 05 years.

After detailed deliberations, SEAC decided to defer the case till the project proponent submits lease agreement and undertaking as above.

Accordingly, the project proponent was requested vide letter No.410 dated 27.03.2018 to submit the reply to the observations, which was taken on record by the SEAC.

The case was considered by the SEAC in its 166<sup>th</sup> meeting held on 24.05.2018, in which the reply submitted by the project proponent online on 04.04.2018 to the aforesaid observation, was considered and was found non satisfactory by the SEAC. After detailed deliberations, SEAC decided to defer the case till the project proponent submits a concrete proposal in the shape of letter from Municipal Council, Zirakpur alongwith route map of the sewer line to be laid on the layout plan.

In compliance to the aforesaid decision taken by SEAC, the project proponent was requested vide letter no. 738 dated 12/06/2018 and through additional detail sought (ADS facility available on the web portal) to submit the reply to the observations. The project proponent , thereafter, submitted a layout plan showing the sewer proposal of the area in reference to the ADS raised on the web portal, which was attached with the agenda.

The case was considered by SEAC in the 168<sup>th</sup> meeting held on 22.06.2018 and in said meeting the project proponent submitted a letter issued by GMADA vide no. 1479 dated 08/06/2018 alongwith layout plan showing the sewer proposal of the area in reference to the earlier raised observations, wherein it was mentioned that SEIAA/SEAC had not accepted the earlier undertaking issued by

GMADA office & further clarification can only be given by GMADA after a reference is received from SEIAA/SEAC. The said letter & layout plan was taken on record by SEAC.

After detailed deliberations, SEAC decided to defer the case and ask GMADA to show the feasibility of connectivity with MC sewer, which is located at a distance of 200m from the project site. The project proponent will also prove the ownership of land in 200 m, which will be utilized to lay down the sewer as no permission has been obtained from any authority.

The case was considered by the SEAC in its 170<sup>th</sup> meeting held on 28.07.2018 and SEAC observed that the information submitted by the project proponent by way of the noting cannot be considered as an authenticated document.

After detailed deliberations, the SEAC decided to defer the case till the project proponent submits the reply to the observation duly signed by the Competent Person of GMADA, so that further action in the matter can be taken.

Accordingly, ADS was raised online.

Complete details of the case are given as under:

1	Proposal No	SIA/PB/NCP/73852/2018
2	Date of submission of application	14.12.2017
3	Date of acceptance of application	19.12.2017
4	Last meeting of SEAC in which case was considered	170 <sup>th</sup> meeting held on 28.07.2018
5	Observations	As mentioned above
6	Date of Last ADS	14.08.2018
7	Details of notice issued, if any	Issued vide no. 924 dated 29/10/2019
8	Reply to the notice received or not	Not Received

MoEF, GoI has issued an OM dated 30.10.2012 regarding procedure to be adopted for delisting of various cases and the relevant part of the same is given as under:

- 1) All projects where additional information desired has not been submitted even after 6 months of the Expert Appraisal Committee (EAC) meeting should be delisted from the list of pending projects.
- 2) For the projects pending between 3 to 6 months of the EAC meeting for want of information, reminder may be sent seeking information within a month. If the information is not received within this period, even these projects may be de-listed.

The matter was considered in 185<sup>th</sup> meeting of SEAC and no one from the project proponent appeared for attending the hearing. SEAC observed that the project proponent is not interested in pursuing the case and took serious note of the same.

After detailed deliberations, SEAC decided to recommend the case to SEIAA to delist the application as per the OM dated 30.10.2012 issued by MoEF&CC.

The matter was considered by SEIAA in its 160<sup>th</sup> meeting of SEIAA held on 30.01.2020 and SEIAA observed that the project proponent has neither replied to the observations conveyed on 14.08.2018 through online facility of additional detail sought (ADS) available on the web portal nor to the notice issued vide letter no 924 dated 29.10.2019. It was felt that the project proponent was not willing to pursue his case.

SEIAA also observed that as per MoEF, GoI OM dated 30.10.2012 all projects where additional information desired has not been submitted even after 6 months of the Expert Appraisal Committee (EAC) meeting should be delisted from the list of pending projects.

After detail deliberations, SEIAA decided that

- i) Case be delisted in light of OM dated 30.10.2012 as no reply has been submitted by the project proponent since more than 6 months and the project proponent be informed accordingly.
- ii) PPCB should be asked to ensure that there was no violation of EPA in this case.

**Item No.160.20: Regarding status of various Court Cases pending before the Hon'ble Court.**

The SEIAA was apprised that the latest status of Court cases relating to the different Hon'ble Courts are as under:

**Hon'ble Punjab & Haryana High Court, Chandigarh**

<b>S. No.</b>	<b>Name of the case/Industry</b>	<b>Year of filing the case</b>	<b>U/s/Act and Brief of Violation</b>	<b>Remarks (Interim orders of last hearing of court )</b>	<b>Present Status and next date of hearing</b>
1	CWP no. 21351 of 2016 filed by M/s Janta Land Promoters Pvt Ltd. v/s Union of India & others	2016 SSTE, PPCB, SEAC & SEIAA have been impleaded as Respondent no. 2, 3, 4 & 5.	The project proponent has contended that Janta Land Promoter Ltd. has taken the Environmental Clearance for whole area which included their project site also. As such, the individual project does not require Environmental clearance.	Lastly listed on 19.11.2019 but turn of the case could not come up due to paucity of time.	<b>Next date of hearing is 19.02.2020. ( No order of last hearing)</b> The matter was discussed in 151 <sup>st</sup> meeting of SEIAA and it was decided that approved status report be handed over to the standing counsel for filing the same. However, Sh. Aman Arora, counsel in the matter was contacted and he informed that notice of motion is yet to be issued for the CM. The status report shall be filed as and when

					Hon'ble Court issues notice in the matter. If required, latest status shall be apprised to the Hon'ble Court on the next date of hearing
2	CWP16155 of 2018 Kewal Singh v/s Union of India & others	2018, SEIAA has been impleaded as Respondent 09.	The petitioner has prayed that he has been falsely implicated in the illegal mining case.	No prayer has been made against the SEIAA, however, as and when directions are received from Hon'ble Court to file the reply, the same will be filed.  The case was lastly heard on 13.01.2020	Dismissed as withdrawn.
3	CWP 19017 of 2018 Inder Singh v/s State of Punjab & others	2018 SEIAA has been impleaded as Respondent 10.	The petitioner has prayed that he has been falsely implicated in the illegal mining case.	No prayer has been made against the SEIAA, however, as and when Directions are received from Hon'ble Court to file the reply, the same will be filed.  The case was lastly heard on 13.01.2020.	Dismissed as withdrawn.
4	CWP no.21940	2018	The petitioner	The reply has	Next of

	of 2018 titled as Sukhdev Singh & Others v/s State of Punjab & others	SEIAA has been impleaded as Respondent 04.	has prayed about shifting of SolidWaste facility from the present venue i.e. Bhagtanwala to some other alternative site.	been filed in the Hon'ble Court.  Lastly listed on 24.01.2020	hearing is 26.03.2020. Copy of the order dated 24.01.2020 was annexed as Annexure-D of the agenda.
5	CWP no.6777 of 2019 titled as Piyar Kaur & Another v/s Union of India & others filed through Advocate Satinder Kaur in Hon'ble Punjab & Haryana High Court, Punjab	2019 SEIAA has been impleaded as Respondent 09.	The petitioner has prayed that he has been falsely implicated in the illegal mining case.	Lastly, the case was listed on 16.11.2019 and Sh. Sahil Sharma, Advocate appearing on behalf of SEIAA submitted in the court that he does not want to file any reply. Also, no prayer has been made against the SEIAA, however, as and when directions are received from Hon'ble Court to file the reply, the same will be filed PPCB vide letter no. 19258 dated 28/06/2019 has informed that Sh. Sahil Sharma, Advocate has been	Listed on 15.01.2020 and Adjourned to 16.03.2020.

				appointed to appear before the Hon'ble Court on behalf of SEIAA i.e. Respondent no. 9.	
6	Review Petition in CWP 27115 of 2019 M/s Surya Land Promoters Pvt. Ltd. Vs Union of India & Ors.	2020	Review petition against the High court dated 25.09.2019	Listed on 20.02.2020	Notice issued to the repondents.
7	CWP No 1483 of 2020 Jalndhar Human Welfare Sociiety Vs State of Punjab	2020	Requested to cancel the EC	Attened on 29.01.2020 and adjourned to 19.02.2019	Reply yet to be filed.
8.	CWP 20853 of 2019 CM ___ 2020 Premdeep Singh Shergil Vs State of Punjab & Others	2020	Copy of petition is yet to be received.  SEIAA is one of respondent	Mail received on 31.01.2020	Reply yet to be filed.

### **Before Hon'ble NGT**

<b>S. No.</b>	<b>Name of the case/Industry</b>	<b>Year of filing the case</b>	<b>U/s/Act and Brief of Violation</b>	<b>Remarks (Interim orders of last hearing of court )</b>	<b>Present Status and next date of hearing</b>
1	OA no. 980/2019 tilted as Harminder Singh & others . v/s Union of India & others	2019	NGT constituted team in the matter	Lastly listed on 06.12.2019.  Report was filed on 05.12.2019	Latest Status is not available.

				through email	
--	--	--	--	---------------	--

After deliberations, SEIAA decided as under: -

- i) Standing counsel may be asked a day before to appear in their respective case as per the listed date before the respective Court.
- ii) Updated status of court cases pending before various Hon'ble Courts shall be placed in every meeting of SEIAA.
- iii) Reply in the matter of CWP No 1483 of 2020 titled Jalndhar Human Welfare Society Vs State of Punjab, be preped and filed through MS SEIAA after taking approval from SEIAA.
- iv) Reply in the matter of CWP 20853 of 2019 titled Premdeep Singh Shergil Vs State of Punjab & Others , be preped and filed through MS SEIAA after taking approval from SEIAA
- v) Web site of Hon'ble NGT in OA No. 980/2019 titled as Harminder Singh & others . v/s Union of India & others be followed for any updates.

**Tabe item No.01: Clarification sought by Patiala Urban Planing & Development Authority regarding requirement of Envrionmental Clearance for the colony namely Maple Horizon to be developed by the Maple GK Infrastructure LLP.**

SEIAA was apprised that Patiala Urban Planing & Development Authority videl letter no. 164 dated 06.01.2020 sought clarification regarding the requirement of Envrionmental Clearance for the colony namely Maple Horizon to be developed in an area of 24.72 acares by M/s Maple GK Infrastructure LLP.

SEIAA observed that the case is similar to the case of construction of residential colony, Gillco Valley on Ferozepur Kacha Road, Ferozepur promoter by M/s Surya Land Promoters Pvt. Ltd, which was taken up in its 148<sup>th</sup> meeting of SEIAA held on 26.06.2019 wherein Northern Regional Office of MoEF at Chandigarh has requested MoEF&CC, New Delhi to clarify that if some plotted colony project land area less than 50 ha but built up area (calculated from floor area ratio) is more than 20,000 sqm, then in which category it should fall either 8 (a) or 8 (b). In reply to this, the Ministry has made it clear in its clarification letter that the projects with land area less



than 50 ha but built-up area more than 20,000 sqm may be appraised as per the provisions of schedule 8(a) of the EIA notification,2006 as amended from time to time.

SEIAA concluded that if the builtup area of the case is more than 20,000 sqm then it attracts the provisions of EIA notification,2006 as amended from time to time with activity listed at 8(a)- Building & Construction projects.

After detailed deliberations, it was decided that Patiala Urban Planing & Development Authority be informed as above and a copy of the same also be endorsed to the colonizer i.e. Maple GK Infrastructure LLP.

**Table Item no. 2: Construction of 100 ft wide road to PR-4 at Mullanpur (New Chandigarh), Punjab, in the matter if OA No. 980/2019 titled as Harminder Singh & Others Vs Union of India & Others before the National Green Tribunal, New Delhi.**

SEIAA observed as under:

1. M/s Omaxe New Chandigarh Developer Pvt.Ltd has submitted explanation to GMADA in reference to letter issued by GMADA vide letter No. GMADA/CE/2019/819 dated 02-12-19 with regard to clear the debris dumped in the water way of natural drain within three days of issuance of this letter.
2. The Chief Engineer, GMADA vide letter dated 17.12.2019 addressed to M/s Omaxe New Chandigarh Developer Pvt. Ltd in reference to his letter no ONCDPL/DM/2019-19 dated 04.12.2019 informed that since the final report of the committee already stands submitted on NGT on 05.12.2019 and now M/s Omaxe New Chandigarh Developer Pvt.Ltd can submit their point of view regarding removing the debris dumped in the water way of natural drain to Chairman, SEIAA, Punjab.
3. However, GMADA has directed M/s Omaxe New Chandigarh Developer Pvt. Ltd should take immediate action to clear the debris as already instructed vide

his office letter dated 02.12.2019

SEIAA was apprised that the present status of the said OA on the website of NGT is showing pending, neither any order after the order of 25.09.2019 nor any next date of hearing is available online.

SEIAA observed that since the matter relates to the Hon'ble NGT, the reply submitted by the project proponent vide letter no ONCDPL/DM/2019-19 dated 04.12.2019 to GMADA, be obtained from GMADA, so that further action in the matter can be taken

Now, M/s Omaxe New Chandigarh Developers Pvt. Ltd., vide letter dated ONCDPL/DM/2019-20 dated 15.01.2020 in reference to the GMADA letter no. CE/GMADA/2019/74047 dated 17.12.2019 submitted as under:

- i) The Competent Authority has granted the change of the land use for the concerned land.
- ii) That all necessary sanctions, approvals and permissions etc., as given by the various concerned/competent authorities in the instant case to promoter and also to others in the area for development, are based on the government documents and records including the Master Plan for the concerned area and therefore it is but a legitimate expectation of the promoter that all the documents / approvals / sanctions / permissions etc. as accorded by government and its instrumentalities are true and correct.
- iii) That the promoter further undertakes to do the stone pitching work on the,side slopes of the course of creek running from 200 feet wide road up to the point where it touches VR 6 [at RD 700 mtrs.] and requests that the cost of the same may please adjusted in the EDC account of the promoter.
- iv) In the light of the above facts it is submitted that the instructions regarding "debris allegedly to be cleared up to river bed level and water way of river Siswan and its tributary creek", are based on misconceived notions and incorrect facts and figures.
- v) It is reiterated at the cost of repetition that whatever the debris which was allegedly lying was lying on the land of the promoter and might have fallen into the course of tributary, has been cleared.

After detail deliberations, SEIAA decided that a copy of the reply submitted by the OMAXE Chandigarh Developer, be sent to the Chief Engineer, GMADA, Chief Engineer, Irrigation and Chief Town Planner, Punjab for the verification, taking appropriate action at their end and sending the action taken report to this office.

**Table item No. 03: Regarding Monitoring of conditions of environment clearance.**

SEIAA observed as under: -

The Ministry of Environment & Forests, New Delhi vide Notification No. S.O. 3537 (E) dated 08.11.2017 has reconstituted SEIAA & SEAC for the State of Punjab. Since then SEIAA and SEAC has conducted number of meetings and has granted the environmental clearance to various cases. The Govt. of Punjab Department of Environment, Science and Technology vide memo no.302633/1 dated 08.09.2014 has assigned the task of verifying the conditions of environmental clearance to Punjab Pollution Control Board and sending the reports to SEIAA.

Earlier, the matter was considered by the SEIAA in its 145<sup>th</sup> meeting held on 15.03.2019. SEIAA observed that Punjab Pollution Control Board is not sending verified compliances of conditions of environment clearance granted to the various projects by the SEIAA.

After detailed deliberations, the SEIAA decided that Punjab Pollution Control Board be requested to verify the compliances of conditions of environment clearance granted to the various projects by the SEIAA & send the report to SEIAA, Punjab as already requested vide no 8287 dated 16.12.2015, no. 3123 dated 17.8.2016, no. 76 dated 01.03.2018 and 1261 dated 07.09.2018.

In compliance to the decision taken by SEIAA in its 145<sup>th</sup> meeting, PPCB was again requested vide letter no.366 dated 02.04.2019 to send the compliance reports of the conditions of the Environmental Clearances granted to various projects.

The matter was again considered in 157<sup>th</sup> meeting of SEIAA held on 02.12.2019. It was apprised that Hon'ble NGT in the Original Application No.837/2018 titled Sandeep Mittal Applicant(s) Versus Ministry of Environment, Forests & Climate Change & Ors. Respondent(s) vide order dated 22.11.2019 ordered that all Category A projects to be monitored not less than twice in a year and all other Category projects to be monitored not less than once in a year.

After detailed deliberations, it was decided that a copy of the NGT order be sent to the Chairman, PPCB, with a request to direct all the Regional Offices to monitor the EC projects as per the direction given by NGT order and send the compliance report of conditions of Environmental Clearances to the SEIAA at the earliest.

SEIAA was apprised in the 160<sup>th</sup> meeting held on 30.01.2020 that Punjab Pollution Control Board is not sending verified compliances of conditions of environment clearance granted to the various projects by the SEIAA.

After deliberations, SEIAA decided that a reminder through DO by MS SEIAA be issued to the Punjab Pollution Control Board for sending the monitoring reports of the conditions of environmental clearance granted to the various projects by it regularly.

**Table Item No 04: Diversion of 0.01190 ha (instead of 0.02137 ha) of forest land for construction of Residential Colony Gillco Valley on Ferozepur Kacha Zira Road, KM 1- R/S under Forest Division and District Ferozepur.**

It was apprised to SEIAA that Principal Chief Conservator of Forests, Punjab, SAS Nagar vide letter no. FCA/1980/19/2013/4068 dated 10.01.2020 informed as under:

- i) Government of India vide letter No.9PBB-461/2014-CHA dated 04.04.2019 issued final approval in the case of M/s Surya Land Promoters Pvt. Ltd., in reference to his letter dated 04.01.2020. In the final approval at point no.3 condition about Environment Clearance was mentioned.

- ii) The matter regarding Environment Clearance from EIA was referred to SIEAA, which is the right agency to look after the subject matter of Environmental impact Assessment. SIEAA vide letter No.252 dated 15.02.2019 clarified that Environment Clearance Issues to be taken by the user agency (Surya Land Promoters Pvt. Ltd.).
- iii) User agency approached the Hon'ble High Court of Punjab and Haryana on this matter through Civil writ petition no. 27115 of 2019. Concluding part of Judgement of Hon'ble High Court is "*... in view of the statement made by learned counsel appearing on behalf of State Government of Punjab, No Objection Certificate be issued to the petitioner within six weeks by the State of Punjab*" in this case.
- iv) User Agency wrote a letter regarding following orders of Hon'ble High Court which was sent to Government of India for necessary action. The response from Government of India has also been received in which, it has been indicated that action needs to be taken at the State Government level i.e. SIEAA.
- v) The matter is being sent to SIEAA for consideration for taking appropriate action to comply with judgement passed by the Hon'ble High Court and opinion given by Government of India.
- vi) This office is not empowered by Union Government/ State Government under Environment Protection Act (EPA), 1986, under which Environmental Impact Assessment is dealt with. SIEAA has been empowered to deal, process, grant approval under EIA (covered under EPA, 1986) for organization under Government of Punjab.
- vii) It is requested that appropriate order be issued in this order.

SEIAA observed that the matter has already been deliberated in the its 153rd meeting held on 17.10.2019 where it has been decided to file the review petition in the matter. Accordingly, Review petition (CWP 27115 of 2019 M/s Surya Land Promoters Pvt. Ltd. Vs Union of India & Ors). has been filed before the Hon'ble High Court and the case is now listed on 20.02.2020.

After detailed deliberations, the SEIAA decided that a copy of the review petition be sent to the Principal Chief Conservator of Forests, Punjab, S.A.S. Nagar and RO, Northern Region, MOEF&CC, Chandigarh.

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

\*\*\*\*\*