

Agenda of 167th Meeting of SEAC

DATE : 26.05.2018
TIME : 10.00 A.M.
**VENUE : Committee Room,
2nd Floor, PPCB,
Vatavaran Bhawan,
Nabha Road, Patiala**



State Expert Appraisal Committee
VATAVARAN BHAWAN, NABHA ROAD, PATIALA

Agenda for the 167th meeting of State Expert Appraisal Committee to be held on 26.05.2018 at 10.00 AM in the Committee Room, Punjab Pollution Control Board, Nabha Road, Patiala.

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Item No.	Description
167.01	Confirmation of the proceedings of 166 th meeting of State Level Expert Appraisal Committee held on 24.05.2018
167.02	Action taken on the proceedings of 166 th meeting of State Level Expert Appraisal Committee held on 24.05.2018 respectively.
167.03	Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of a Group Housing Project namely " Mona Green " located at VIP Road, Village Bishanpura, Near Zirakpur, Distt. S.A.S. Nagar by M/s Mona Township Pvt. Ltd. (Proposal no. SIA/PB/NCP/22972/2018)
167.04	Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of a Group Housing Project namely " Mona Green-II " located in the revenue estate of Village Gazipur, Zirakpur, Tehsil Derabassi, District SAS Nagar, Punjab by M/s Mona Township Pvt. Ltd. (SIA/PB/NCP/22970/2018)
167.05	Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of Group Housing Project namely " Sunny Heights " located in the Sector 125, Tehsil Kharar, District- SAS Nagar by M/s Bajwa Developers Ltd. (SIA/PB/NCP/22973/2018)
167.06	Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of area development Project namely " Sunny Enclave (139.376 Acres) " located in the revenue estate of Village Jandpur, Hasanpur & Manana, Sector 123, Tehsil Kharar, District SAS Nagar by M/s Bajwa Developers Ltd. (SIA/PB /NCP /23386 /2018)
167.07	Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of area development Project namely " Sunny Enclave (177.72 Acres) " located in the revenue estate of Village Jandpur, Sihanpur & Hasanpur, Sector 120,123, 124 & 125 Kharar, Distt SAS Nagar by M/s Bajwa Developers Ltd. (SIA/PB/NCP/23385/2018)
167.08	Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of Group Housing Project namely " Orchard County " located in the revenue estate of village Sante Majra, Kharar - Landran Road, Kharar, District SAS Nagar, Punjab by M/s Ansal Lotus Melange Projects Pvt Ltd. (SIA/PB/NCP/22975/2018)

167.09	Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of a Group Housing Project namely " OMEGA CITY " located at Kharar- Ludhiana Road, Tehsil Kharar, District SAS Nagar, Punjab by M/s Omega Infra Estates Pvt. LTD (SIA/PB/NCP/22977/2018)
167.10	Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of a Group Housing Project namely " Homeland Heights " located at Sector-70, SAS Nagar (Mohali), Punjab by M/s. Homeland Buildwell Pvt. Ltd. (Proposal no. SIA/PB/NCP/22978/2018)
167.11	Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of Group Housing Project namely " Beverly Apartments " located in the revenue estate of Village –Manawala, G.T. Road, Amritsar, (Punjab) by M/s Dream County Homes & Villas LLP. (SIA/PB/NCP/22980/2018)
167.12	Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of Group Housing Project namely " Shourya Greens " in the revenue estate of Surya Enclave, Amritsar By Pass Road, Near Trinity College, Jalandhar, Punjab by M/s Shourya Tower Pvt. Ltd. (SIA/PB/NCP/22984/2018)
167.13	Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of educational institute namely " PTU Campus Bathinda " of Punjab Technical University located at Dabwali-Bathinda Road, Bathinda, Punjab by GZS PTU Campus Bathinda. (SIA/PB/NCP/22982/2018)
167.14	Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of educational institute namely " Punjabi University Patiala " located at Chandigarh- Patiala Road, Patiala, Punjab by Registrar, Punjabi University, Patiala. (SIA/PB/NCP/23389/2018)
167.15	Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion (Construction of Super Specialty Block) of existing Rajindra hospital Patiala located at Sangrur-Patiala Road Patiala, Punjab (Proposal no. SIA/PB/NCP/22981/2018)
167.16	Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of existing Bhatinda Depot/Terminal located at Bulk POL Terminal, Mansa Road, Phoos Mandi, Bhatinda by M/s Hindustan Petroleum Corporation Ltd. (Proposal no. SIA/PB/IND2/23244/2018)
167.17	Application for obtaining environmental clearance under EIA Notification dated 14.09.2006 for establishment of group housing project namely " Ubber Mews Gate " located at Khanpur, Kharar, SAS Nagar by M/s Ubber Reality (Proposal No. SIA/PB/NCP/71296/2017.)

167.18	Application for issuance of TORs for carrying out EIA study for obtaining Environmental clearance under EIA notification dated 14.09.2006 for expansion of steel manufacturing unit by replacement/addition of induction furnaces & addition of a rolling mill in revenue estate in revenue estate of village Tooran, Amloh Road, Mandi Gobindgarh, Distt. Fatehgarh Sahib, Punjab by M/s Shiva Castings Private Limited (Proposal no SIA/PB/IND/22539/2018)
167.19	Application for issuance of TORs for carrying out EIA study for obtaining Environmental clearance under EIA notification dated 14.09.2006 for expansion of steel manufacturing unit by replacement/addition of induction furnaces & addition of a rolling mill in revenue estate of village Tooran, Amloh Road, Mandi Gobindgarh, Distt. Fatehgarh Sahib, Punjab by M/s Samana Concast (Proposal no SIA/PB/IND/25974/2018)
167.20	Application for issuance of TORs for carrying out EIA study for obtaining Environmental clearance under EIA notification dated 14.09.2006 for expansion of steel manufacturing unit by replacement/addition of induction furnaces & enhancement of Rolling mill in revenue estate of Village Mangarh, Machhiwara Road, Near Kohara, Distt. Ludhiana, Punjab by M/S Renny Strips Pvt. Ltd. (Proposal no SIA/PB/IND/26037/2018)
167.21	Application for extension in the validity of environmental clearance granted under EIA notification dated 14.09.2006 for steel manufacturing unit located in revenue estate of village Ambey Mazra, Tehsil Mandi Gobindgarh, Distt. Fatehgarh Sahib, Punjab by M/s Kay Eil Dee Metaliks Pvt. Ltd (Proposal no SIA/PB/IND/25846/2011)
167.22	Application for amendment in the environmental clearance under EIA Notification dated 14.09.2006 for construction of group housing project namely " ATHENS II " located in the revenue estate of Village Ramgarh Bhudda, Zirakpur, Tehsil Dera bassi, Mohali, District S.A.S. Nagar, Punjab by M/s Brawn Buildtech Pvt Ltd. (Proposal no SIA/PB/NCP/58204/2016)
167.23	Application for amendment in the environmental clearance under EIA Notification dated 14.09.2006 for construction of group housing project namely " City Of Dreams - I " located in the revenue estate of Village Sante Majra, Sector-116, Kharar, Distt. SAS Nagar (Greater Mohali), Punjab by M/s Credo Assets Private Limited (Proposal no SIA/PB/NCP/58466/2016)
167.24	Application for obtaining environmental clearance under EIA Notification dated 14.09.2006 for expansion of group housing project namely " Sushma Grande NXT " located in revenue estate of Village Gazipur, Zirakpur, Derabassi, SAS Nagar Mohali, Punjab by M/s SBL Builders Pvt. Ltd. (Proposal no SIA/PB/NCP/74930/2018)
167.25	Application for obtaining environmental clearance under EIA Notification dated 14.09.2006 for establishment of group housing project namely " Imperial Apartments " located at Zirakpur, Tehsil Derabassi Distt. SAS Nagar Mohali, Punjab, by M/s Harmony Colonisers Pvt Ltd. (Proposal no SIA/PB/NCP/74916/2018)

167.26	Application for obtaining environmental clearance under EIA Notification dated 14.09.2006 for establishment of group housing project namely " Hermitage Centralis " located at Zirakpur, Tehsil Derabassi Distt. SAS Nagar Mohali, Punjab by M/s Hermitage Infra Developers (Proposal no SIA/PB/NCP/74716/2018)
167.27	Application for issuance of TORs for carrying out EIA study for obtaining Environmental clearance under EIA notification dated 14.09.2006 for establishment of 18 MW Biomass based Power Plant located in revenue estate of village Hakumat Singh Wala, Ferozeshah, Tehsil & District Firozpur by M/s Sukhbir Agro Energy Ltd. (Proposal no SIA/PB/THE/25813/2018)
167.28	Application for issuance of TORs for carrying out EIA study for obtaining Environmental clearance under EIA notification dated 14.09.2006 for establishment of 18 MW Biomass based Power Plant located in revenue estate of Village Sedha Singh Wala, Tehsil Jaito, District Faridkot by M/s Sukhbir Agro Energy Ltd. (Proposal no SIA/PB/THE/25814/2018)
167.29	Application for obtaining Environmental clearance under EIA notification dated 14.09.2006 for establishment of a Group Housing project namely " Belliston Avenue " at Village Gazipur, Zirakpur, Distt. S.A.S Nagar, Punjab by M/s. GVT Infra. (Proposal no. SIA/PB/NCP/72694/ 2018)
167.30	Application for obtaining Environmental clearance under EIA notification dated 14.09.2006 for establishment of a group housing project namely " Exotica Homez " at Village Sante Majra, Kharar, S.A.S Nagar, Mohali, Punjab by M/s. Exotica Homez Promoter & Builders. (Proposal no SIA/PB /NCP/ 73106/2018)

Item No.167.01: Confirmation of the proceedings of 166th meeting of State Level Expert Appraisal Committee held on 24.05.2018

The proceedings of 166th meeting of State Level Expert Appraisal Committee held on 24.05.2018 is being prepared and same will be placed in the next meeting of SEAC.

Item No.166.02: Action taken on the proceedings of 166th meeting of State Level Expert Appraisal Committee held on 24.05.2018.

The SEAC was apprised that proceedings of 166th meeting of SEAC held on 24.05.2018 is being prepared. The action on the proceedings of 166th meeting will be taken after the confirmation of the proceedings & action taken report will be placed in the next meeting of SEAC.

Item No. 167.03: Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of a Group Housing Project namely "Mona Green" located at VIP Road, Village Bishanpura, Near Zirakpur, Distt. S.A.S. Nagar by M/s Mona Township Pvt. Ltd. (Proposal no. SIA/PB/NCP/22972/2018)

The facts of the case are as under: -

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

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

The project proponent further submitted that it is a case of violation of the provisions of EIA notification dated 14.09.2006 and as per amendment notification vide No S.O. 804 (E) dated 14-03-2017, violation cases even of category "B" projects which are granted Environmental Clearance by SEIAA, are to appraised for grant of Environmental Clearance only by the EAC and EC is to be granted at central level.

Accordingly, they had submitted the online application vide proposal no. IA/PB/NCP/69187/2017 on 13/09/2017 for issuance of TORs for obtaining Environmental Clearance to MOEF&CC, for expansion residential project located at VIP Road, Village Bishanpura, Near Zirakpur, Distt. S.A.S. Nagar, Punjab.

It is further added here that, MoEF&CC 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 sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan 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.

Now, the MoEF&CC has transferred proposal no. IA/PB/NCP/69187/2017 dated 13.09.2017 to SEIAA vide proposal no. SIA/PB/NCP/22972/2018 on 28/03/2018 for appraisal of the project in compliance to the amended notification dated 08.03.2018. The brief summary of the project is as under: -

- The project site is located at Zirakpur. The land for the proposed project confirms to the land use as per the Master plan.

- The total plot area is 15863.158 sqm. Total built-up area of the project is 41516 Sqm. Total 304 flats shall be developed. Maximum height of the building is 46 m.
- The Project has already been completed.
- Project is not located within 10 km of any Eco Sensitive areas.
- No/court case is pending against the project.
- Total Cost of the project is Rs.59
- Total water demand of the project will be 207 KLD and shall be met through own Tubewell (ground water).
- 165 KLD Wastewater will be generated from the project which will be treated in a STP of capacity 175 KLD. 82 KLD waste water will be recycled as per the following details:
 - (i) Uses- Flushing-68KLD,
 - (ii) Plantation & Irrigation-14KLD
- About 615 Kg / day Solid waste will be collected separately as Bio-degradable & Non-biodegradable waste as per the MSW Rules, 2016. The bio-degradable waste would be sent to approved site. The non-biodegradable and recyclable waste would be sold to the recyclers
- Total power requirement during operation phase is 2800 KW and will be met from PSPCL, Punjab.
- Rooftop rainwater of buildings will be collected in 4 RWH tanks of total 100 KLD capacity for harvesting after filtration.
- Parking facility for 426 four wheelers and 135 two wheelers is proposed to be provided against the requirement of 248 and 110 respectively (according to local norms).
- Proposed energy saving measures would save about 18 % of power.
- The details of the documents submitted with the application are as under:

1.	Properly filled Form 1	Yes
2.	Proposed TORs	submitted
3.	Proof of ownership of land	Not submitted
4.	Conceptual Plan	submitted

5.	Memorandum of Articles & Association and Names of person responsible for day to day affairs of the project.	Not submitted
6.	List of accredited EIA consultant organization with accredited sector of NABET	Not submitted

The case is placed before SEAC for consideration.

Item No. 167.04: Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of a Group Housing Project namely "Mona Green-II" located in the revenue estate of Village Gazipur, Zirakpur, Tehsil Derabassi, District SAS Nagar, Punjab by M/s Mona Township Pvt. Ltd. (SIA/PB/NCP/22970/2018)

The facts of the case are as under: -

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

The project proponent further submitted that it is a case of violation of the provisions of EIA notification dated 14.09.2006 and as per amendment notification vide No S.O. 804 (E) dated 14-03-2017, violation cases even of category "B" projects which are granted Environmental Clearance by SEIAA, are to appraised for grant of Environmental Clearance only by the EAC and EC is to be granted at central level.

Accordingly, they had submitted the online application vide proposal no. IA/PB/NCP/69246/2017 on 13/09/2017 for issuance of TORs for obtaining Environmental Clearance to MOEF&CC, for expansion residential project located in the revenue estate of Village Gazipur, Zirakpur, Tehsil Derabassi, District SAS Nagar Punjab.

It is further added here that, MoEF&CC 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 sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan 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.

Now, the MoEF&CC has transferred proposal no. IA/PB/NCP/69246/2017 dated 13/09/2017 to SEIAA vide proposal no. SIA/PB/NCP/22970/2018 on 28/03/2018 for appraisal for the project in compliance to the amended notification dated 08.03.2018. The brief summary of the project is as under: -

- The project is located at Village Gazipur, Zirakpur, Tehsil Derabassi, District SAS Nagar, Punjab
- Earlier, the environmental clearance for the existing project was not required because the built up area was 17398 sqm. Now, the built up area has been increased and the construction has been started.
- NOC for 157 flats having 10057 sqm have been issued by the SPCB.
- The total plot area is 10060 sqm.
- Total builtup area of the project is 21711 Sqm.
- As per the Form1, the land for the proposed project confirms to the land use as per the Master plan

- The project is not located within 10 km of any Eco Sensitive areas.
- No court case is pending against the project.
- Project cost of the project is Rs.32 Cr.
- Total 187 flats shall be developed. Maximum height of the building is 45 m.
- During construction phase, total water requirement is expected to be 10 KLD which will be met by ground water. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.
- During operational phase, 126 KLD will be total water demand of the project, which will be met through Tube well (ground water)
- 100 KLD Wastewater will be treated in STP of capacity 100 KLD out of which 15 KLD will be recycled. The detail of recycled water is as under:-
 - (i) Uses- Flushing-7KLD,
 - (ii) Plantation & Irrigation-8KLD
- Solid waste is about 374 Kg / day will be collected separately as Bio-degradable and Non-biodegradable waste as per the MSW Rules, 2016. The bio-degradable waste would be sent to approved site. The non-biodegradable and recyclable waste would be sold to the recyclers.
- The total power requirement during construction phase is 25 KW and will be met from PSPCL, Punjab and total power requirement during operation phase is 1050 KW and will be met from PSPCL, Punjab.
- Roof top rainwater of buildings will be collected in 3 RWH tanks of total 50KLD capacity for harvesting after filtration.
- Parking facility for 192 four wheelers and 40 two wheelers is proposed to be provided against the requirement of 169 and 36 respectively (according to local norms).
- Proposed energy saving measures would save about 18% of power.
- The details of the documents submitted with the application are as under:

1.	Properly filled Form 1, 1A	Yes
2.	Proposed TORs	Submitted
3.	Proof of ownership of land	Not submitted
4.	Conceptual Plan	submitted

5.	Memorandum of Articles & Association and Names of person responsible for day to day affairs of the project.	Not submitted
6.	List of accredited EIA consultant organization with accredited sector of NABET	Not submitted

The case is placed before SEAC for consideration.

Item No. 167.05: Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of Group Housing Project namely "Sunny Heights" located in the Sector 125, Tehsil Kharar, District- SAS Nagar by M/s Bajwa Developers Ltd. (SIA/PB/NCP/22973/2018)

The facts of the case are as under: -

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

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

Being a case of violation of the provisions of EIA notification dated 14.09.2006 and as per amendment notification vide No S.O. 804 (E) dated 14-03-2017, project proponent has submitted online application vide proposal no. IA/PB/NCP/69083/2017 on 13/09/2017 to MOEF&CC for issuance of TORs for obtaining Environmental Clearance for the project located in Sector 125, Tehsil Kharar, District- SAS Nagar.

It is further added here that, MoEF&CC 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 sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan 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.

Now, the MoEF&CC has transferred proposal no. IA/PB/NCP/69083/2017 dated 13/09/2017 to SEIAA vide proposal no. SIA /PB/NCP /22973/2018 on 28/03/2018 for appraisal of the project in compliance to the amended notification dated 08.03.2018. The brief summary of the project is as under:-

S. NO.	PARTICULARS	AREA(sq m)
1.	Project Name	Sunny Heights
2.	Project Location	Sector 125, Tehsil Kharar, District SAS Nagar
3.	Project Proponent	M/s Bajwa Developers Ltd.
4.	Proposed Activity	Residential Apartments, EWS, School, Meeting hall.
5.	Total Site Area	25,600.36 sqm.
6.	Land use Classification	Residential

7.	Built Up Area (FAR + Non-FAR)	56,872.19 Sqm.
8.	Ground Coverage Provided (@29.27%)	7,494.3 Sqm.
9.	Maximum No. of Floors	Stilt+10 Floors.
10.	Number of Dwelling Units	406DU.
11.	EWS	45 Units.
12.	Estimated Population	The Estimated population for the project will be ~2200 persons.
13.	Surface Parking area	4,979.86 Sqm.
14.	Stilt Parking Area	4,596.4 Sqm.
15.	Basement Parking Area	2,488.65 Sqm.
16.	Proposed Parking ECS	471 ECS (Surface, Stilt, Basement)
17.	Parking Required ECS	406 ECS
18.	No. of Basements	One
19.	Power Requirement	1,429KW
20.	Power Source	Punjab State Power Corporation Ltd.
21.	No. of DG sets proposed	3 DG Sets (Capacity- 500KVA each)
22.	Water requirement & Sources	The Total water demand for the project is 440KLD which will be met by Overhead
23.	Sewage Treatment & Disposal	The Sewage treatment will be done in the common STP of capacity 5MLD proposed at
24.	Municipal Solid Waste Generation	880Kg/day
25.	Municipal Solid Waste Disposal	Through MC, Kharar.
26.	Proposed Green Area @15.4%	3,941.33 Sqm.
27.	Cost of the project	The estimated cost of the project is Rs.90 crores (approx.)
28.	Road Connectivity	Kharar-Chandigarh Highway (1.7 km Approx.)
29.	Nearest Railway Station	Kharar Railway Station (5km Approx.)
30.	Nearest Airport	Chandigarh International Airport (20km Approx.)

Block-wise Detail:-

Sr.No	Name of Blocks	Type of Units	Number of Units	Ground Coverage (sq.ft.)	F.A.R (sq.ft.)
1.	Block 1	2BHK	80	11,001.81	91,571.34
2.	Block 2	3BHK	118	20,379.29	1,62,388.30
3.	Block 3	1BHK	50	7,133.92	51,492.79
4.	Block 4	3BHK	68	15,965.34	83,734.84
5.	Block 5	EWS School	45 --	3,060	9180.00

6.	Block 6	3BHK	90	22,104.2	135489.89
7.	Block 7	Meeting Hall	--	1,023.6	2047.20
TOTAL			451	80,668.16	5,35,904.36

WATER REQUIREMENT

The water demand will be supplied by Overhead reservoir placed at Sunny Enclave, Sector 123, Kharar. Total water requirement for the project will be ~440KLD. The water calculations are as under: -

SR.NO	TYPE	POPULATION/AREA	CRITERIA	DEMAND
1	Residential Population	2200	200	440
TOTAL WATER				440
2	Flushing	2200	45	99
3	Wastewater Generation	--	80%	352
4	Treated Wastewater	--	95%	335
HORTICULTURE				
6	Summer	3,941.33	(5.5lit/m ² /day)	21.67
7	Winter	3,941.33	(1.8lit/m ² /day)	7.09
8	Monsoon	3,941.33	(0.5lit/m ² /day)	1.97

- The site layout plan of the project was approved by the Municipal Council Kharar. Letter for approval of layout plan has been obtained from office of Municipal Council, Kharar vide letter no: 1638 dated 23/2/2012.
- Solid waste would be generated both during the construction as well as during the operation phase. The solid waste expected to be generated during the construction phase will comprise of excavated materials, used bags, bricks, concrete, MS rods, tiles, wood etc. During the operation phase, waste will be generated from residential blocks and street sweeping. The solid waste generated from the project shall be mainly domestic (residential blocks) with street sweepings and estimated around 880 kg/day approximately. The Biodegradable waste will be converted into manure using mechanical composter of size 300kg/day. The waste will be disposed off as per Solid Waste Management Rules, 2016.
- Area proposed for development of green space and green area shall be 3,941.33 Sqm. for trees & shrubs plantation along the roads & footpaths.

- Total power requirement of the project is 1,429KW which is to be provided by Punjab State Power Corporation Ltd. 03 DG (each having capacity of 500 KVA) sets are proposed at site.
- Total 07 number of rainwater harvesting pits are provided at the site.
- The details of the documents submitted with the application are as under:

1.	Properly filled Form 1, PFR	Yes
2.	Proposed TORs	Submitted
3.	Proof of ownership of land	Submitted
4.	Conceptual Plan	Submitted
5.	Memorandum of Articles & Association and Names of person responsible for day to day affairs of the project.	Submitted
6.	List of accredited EIA consultant organization with accredited sector of NABET	Submitted

The case is placed before SEAC for consideration.

Item No. 167.06: Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of area development Project namely "Sunny Enclave (139.376 Acres)" located in the revenue estate of Village Jandpur, Hasanpur & Manana, Sector 123, Tehsil Kharar, District SAS Nagar by M/s Bajwa Developers Ltd. (SIA/PB /NCP /23386 /2018)

The facts of the case are as under: -

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

- 1) The project plan has been segmented into area for Plots, for Group Housing, for EWS, for Commercial, for Educational etc.
- 2) The proposed project is a township project, which is spread over a land of 5,64,034.66 Sq.m. (139.376 Acres).
- 3) The proposed project comprise Green Area of 34,209.69sq.m. and roads, open spaces & other utilities area of 1,65,282.92 Sq.m. for adequate parking spaces with modern infrastructure facilities.
- 4) About 30% of the construction has been completed at site without getting Environmental Clearance under EIA Notification, 14.09.2006.

Being a case of violation of the provisions of EIA notification dated 14.09.2006 and as per amendment notification vide No S.O. 804 (E) dated 14-03-2017, project proponent has submitted online application vide proposal no. IA/PB/NCP/68632/2017 on 12/09/2017 to MOEF&CC, for issuance of TORs for obtaining Environmental Clearance for the project located in the revenue estate of Village Jandpur, Hasanpur & Manana, Sector 123, Tehsil Kharar, District SAS Nagar.

It is further added here that, MoEF&CC 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 sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan 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.

Now, the MoEF&CC has transferred proposal no. IA/PB/NCP/68632/2017 dated 12/09/2017 to SEIAA vide proposal no. SIA/PB/NCP/23386/2018 on 03/04/2018 for appraisal of the project in compliance to the amended notification dated 08.03.2018. The Salient features of the project area are as under:-

Sr.No	Particulars	Area (m ²)	Area (Acres)
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1.	Project Name	"Sunny Enclave"	--
2.	Project Location	Village Jandpur, Hasanpur, Manana, Sector 123, Kharar, Distt SAS Nagar.	--
3.	Project Coordinates	Latitude- 30°45'56.941"N Longitude- 076°40'39.156"E	--
4.	Project Proponent	M/s Bajwa Developers Ltd.	--
5.	Project Activity	Residential Township	--
6.	Land Use Classification	Residential (As per Master Plan)	--
7.	Total Site Area (A)	5,64,034.66	139.376
8.	Area Excluded from Site (B)	10,958.88	2.708
9.	Net Area (C)= (A-B)	5,53,075.77	136.668
10.	Area under Revenue Rasta (D)	13,832.15	3.418
11.	Total Area of the scheme(E)= (C+D)	5,66,907.92	140.086
12.	Area transferred to Govt. free of cost 2.5% under Punjab Govt. Policy dated 02.06.2015 of Sector Road) (F)	13,826.89	3.4167
13.	Area Not including scheme(G)	22,060.62	5.4513
14.	Net Planned Area(H)=[E-(F+G)]	5,31,015.10	131.2167
15.	Residential Area (Plotted)	2,01,469.5	49.7842
16.	Group Housing Area	16,996.79	4.2
17.	EWS Area	61,536.9	15.2061
18.	Commercial	11,110.64	2.7455
19.	Education	21,228.19	5.2456
20.	Public Buildings	13,330.74	3.2941
21.	Green Area	34,209.69	8.4534
22.	Reserved Area	5,849.73	1.4455
23.	Road, Open Spaces, Parking and Utilities	1,65,282.92	40.8423
24.	Total Number of Plots	985	--
25.	Estimated Population	23,562 Persons	--
26.	Total Water Demand	~3.4MLD	--
27.	Fresh Water Demand	~2.4MLD	--
28.	Source of Water	Overhead Reservoir	--
29.	Wastewater Generation	~2.7MLD	--
30.	Treated Water Available	~2.5MLD	--
		Common STP (7MLD) will be used for	

31.	STP (Quantity)	the project which is located at "Sunny Enclave" at village "Jandpur, Sihanpur, Hasanpur" Sector 120, 123,124 & 125 Distt. SAS Nagar	--
32.	STP Technology	MBBR	--
33.	Treated Wastewater Management	<ul style="list-style-type: none"> ▪ Reuse for Sanitation ▪ Reuse for Watering/Irrigation of Green Area 	--
34.	Proposed Parking (Commercial)	~435 ECS	--
35.	Required Parking (Commercial)	~ 383 ECS	--
36.	Power Source	Punjab State Power Corporation Limited.	--
37.	Municipal Solid Waste Generation	~9,199 Kg/day	--
38.	Municipal Solid Waste Disposal	Permission obtained from GMADA.	--
39.	Road Connectivity	Kharar-Chandigarh Highway (NH-21) (~2kms)	--
40.	Rail Network	Kharar Railway Station (~5.5kms)	--
41.	Airport	Chandigarh International Airport (~21Kms)	--
42.	Project Cost (Land Documents + Development cost)	Rs. 231.36 Crores (approx.)	--

- The "Sunny Enclave" at Village Jandpur, Hasanpur & Manana, Sector-123, Dist. SAS Nagar proposed by M/s Bajwa Developers Ltd, is a Residential Township project. Letter for approval of Revised layout plan obtained from Greater Mohali Area Development Authority vide Memo No: GMADA/DTP/2016/1358 dated 06.04.2016 & letter of correction of date vide Memo No: GMADA/STP/2017/260 dated 30.01.2017.
- The Change of land use of the project site has been issued by Senior Town Planner, GMADA. Area of 139.376 Acres of land has been derived from the Land uses mentioned below:
 - 1) 1st C.L.U Granted Vide Memo No: 833 CTP (PB.)/SP-432(M) Dated 28.03.2013.
 - 2) 2nd C.L.U. Granted vide memo No: 1081- STP(S) SS-11(GR) Dated 22-03.2013.
 - 3) 3rd C.L.U Granted vide memo No. 1565 CTP (PB.)/SP-432(M) Dated 23-04-2012
 - 4) 4th C.L.U Granted vide Memo No. 87CTP (PB)/SP-432(M) Dated 07-01-2011.
- Population detail of the project is as under :-

Sr. No	Title	Number of plots/Area	Criteria	Population
1	Residential Area (Plotted)	985 Plots	15 Person per plot	14,775
2	Group Housing Area	4.2 Acres	375 Person per acre	1,575
3	EWS Area	15.2061	400 Person per acre	6,083
4	Commercial	2.7455	100 Person per acre	275
5	Education	5.2456	100 Person per acre	524
6	Public Buildings	3.2941	100 Person per acre	330
Total Population				23,562

➤ The detail of the Water Calculations are as under:-

Water calculations				
Sr. No	Title	Population/are	Criteria	Demand
1	Residential Population	22433	150	3364.95
2	Non Residential Population	1129	45	50.805
Total Water				3415.755
				say as
3	Flushing	23,562	45	1060.29
4	Wastewater Generation		80	2732.604
5	Treated Water		95	2595.9738
Horticulture				
6	Summer	34209.69	(5.5lit/m3/day)	188.15
7	Winter	34209.69	(1.8lit/m3/day)	61.57
8	Monsoon	34209.69	(0.5lit/m3/day)	17.1

- 8 number of pits shall be provided apart from pits in the residential plots.
- The proposed parking for the project for the commercial areas is 435 ECS
- During the operation phase, waste will be generated from residential blocks and street sweeping. The solid waste generated from the project shall be mainly domestic (residential blocks) with street sweepings and estimated around 9,199 kg/day approximately. The solid waste will be segregated into biodegradable and non-biodegradable waste. The recyclable waste will be sold to local resellers. Separate area is earmarked for handling of solid waste. Biodegradable waste will be recycled by using mechanical composter. Only inert waste will be sent to authorized dumping site. Quantity of E-waste generated from the project will be very less as the project is a residential project. Domestic hazardous waste shall be disposed off to authorized vendors as per Solid Waste Management Rules, 2016
- The details of the documents submitted with the application are as under:

1.	Properly filled Form 1,PFR	Yes
2.	Proposed TORs	Submitted
3.	Proof of ownership of land	Submitted
4.	Conceptual Plan	Submitted
5.	Memorandum of Articles & Association and Names of person responsible for day to day affairs of the project.	Submitted
6.	List of accredited EIA consultant organization with accredited sector of NABET	Submitted

The case is placed before SEAC for consideration.

Item No. 167.07: Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of area development Project namely "Sunny Enclave (177.72 Acres)" located in the revenue estate of Village Jandpur, Sihanpur & Hasanpur, Sector 120,123, 124 & 125 Kharar, Distt SAS Nagar by M/s Bajwa Developers Ltd. (SIA/PB/NCP/23385/2018)

The facts of the case are as under: -

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

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

Being a case of violation of the provisions of EIA notification dated 14.09.2006 and as per amendment notification vide No S.O. 804 (E) dated 14-03-2017, project proponent has submitted online application vide proposal no. IA/PB/NCP/69010/2017 on 12/09/2017 to MOEF&CC for issuance of TORs for obtaining Environmental Clearance for the project located in the revenue estate of Village Jandpur, Sihanpur & Hasanpur, Sector 120,123, 124 & 125 Kharar, Distt SAS Nagar.

It is further added here that, MoEF&CC 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 sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan 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.

Now, the MoEF&CC has transferred proposal no. IA/PB/NCP/69010/2017 dated 13/09/2017 to SEIAA vide proposal no. SIA/PB/NCP/23385/2018 on 03/04/2018 for appraisal of the project in compliance to the amended notification dated 08.03.2018. The Salient features of the project area are as under:-

Sr.No	Particulars	Area (m ²)	Area (Acres)
1.	Project Name	"Sunny Enclave"	--
2.	Project Location	Village Jandpur, Sihanpur & Hasanpur, Sector 120, 123, 124 & 125 Kharar, Distt SAS Nagar.	--
3.	Project Coordinates	Latitude- 30°45'44.64"N Longitude- 76°40'38.26"E Elevation- 320m	--
4.	Project Proponent	M/s Bajwa Developers Ltd.	--
5.	Project Activity	Residential Township.	--
6.	Land Use Classification	Residential (As per Master Plan).	--
7.	TOTAL AREA	7,19,235.04	177.72685
8.	E.W.S Area	36,785.92	9.09
9.	Area Reserved for Kajauli water line	11,318.24	2.7968
10.	Reserved Area	6,968.68	1.722
11.	NET PLANNED AREA	6,64,162.2	164.11805
12.	Residential Area	2,70,096.5	66.7423
13.	Commercial	14,940.99	3.692
14.	Education	15,814.71	3.9079
15.	Public Building	12,127.61	2.9968
16.	Park Area	53,168	13.1381
17.	Road, Open Spaces, Parking & Utilities & Reserved Area	2,98,014.35	73.64095
18.	Total Number of Plots	1,322	--
19.	Estimated Population	17,376	--
20.	Total Water Demand	2.5 MLD	--
21.	Fresh Water Demand	1.8 MLD	--
22.	Source of Water	From Overhead Reservoir supplied by Borewell (1Nos.).	--
23.	Wastewater Generation	2 MLD	--
24.	Treated Water Available	1.9 MLD	--
25.	STP (Quantity)	7 MLD (Project Site)	--
26.	STP Technology	MBBR	--
27.	Treated Wastewater Management	<ul style="list-style-type: none"> ▪ Reuse for Sanitation. ▪ Reuse for Watering/Irrigation of Green Area. 	--
28.	Proposed Parking (Commercial)	~769 ECS	--
29.	Required Parking (Commercial)	~467 ECS	--
30.	Power Requirements	9345 KW	--
31.	Power Source	Punjab State Power Corporation Limited.	--
32.	Municipal Solid Waste Generation	~6739 Kg/day	--

33.	Municipal Solid Waste Disposal	Permission through GMADA.	--
34.	Road Connectivity	Kharar-Chandigarh Highway (NH-21) (~1.5kms)	--
35.	Rail Network	Kharar Railway Station (~5.5kms)	--
36.	Airport	Chandigarh International Airport (~21Kms)	--
37.	Project Cost (Land cost + Development cost)	Rs.312.79 crores. (approx.)	--

- The Change of land use of the project site has been obtained from Chief Town Planner, Punjab. Area of 177.72 Acres of land has been derived from the Land uses mentioned below :-

Sr.No.	Details	Area (Acres)
1.	Area under 1st CLU granted vide memo no. 6774 CTP (PB.)/SP-432(M) Dated 31.08.2010	26.83125
2.	Area under 2nd CLU granted vide memo no. 7849 CTP (PB.)/SP-	28.53
3.	Area under 3rd CLU granted vide memo no. 87 CTP (PB.)/SP-432 (M) Dated 07.01.2011	58.5255
4.	Area under 4th CLU granted vide memo no. 565 CTP (PB.)/SP-432 (M) Dated 23.04.2012	78.5735
5.	Area under 5th CLU granted vide memo no. 3709 CTP (PB.)/SP-432 (M) Dated 04.08.2015	14.55

- Population detail of the project is as under :-

Particulars	Units/Area	Criteria	Population
Plots	607	15	9105
Villas	715	5	3575
EWS	9.09 acre	400 person per acre	3636
Commercial	3.692 acre	100 person per acre	370
Education/Public Buildings	6.904 acre	100 person per acre	690
Total Population			17,376

- The detail of the Water Calculations are as under:-

Sr. No	Title	Population/area	Criteria(lpcd)	Demand (KLD)
1	Residential Demand	16,316	150	2447.4
2	Floating	1,060	45	47.7
Total Water Demand				2,495.10
				say as 2.5MLD
3	Flushing	17376	45	781.92
				say as 0.7MLD

4	Wastewater Generation	--	@80%	1,996 say as 2 MLD
5	Treated Water	--	@95%	1,896 say as 1.9 MLD
Horticulture Demand				
6	Summer	53,168	(5.5lit/m ² /day)	292.424
7	Winter	53,168	(1.8lit/m ² /day)	95.7024
8	Monsoon	53,168	(0.5lit/m ² /day)	26.584

- 9 number of pits shall be provided apart from pits in the residential plots.
- The total power load of the project shall be 9345 KW which will be supplied by Punjab State Power Commercial, PSPCL, Patiala for which the permission has been obtained vide memo No: 2456/159.8acres. Sunny Enclave/RID-15662 Dated 06/05/2016.
- During the operation phase, waste will be generated from residential blocks and street sweeping. The solid waste generated from the project shall be mainly domestic (residential blocks) with street sweepings and estimated around 6,739 kg/day approximately. The Biodegradable wastes & Non-Biodegradable waste will be disposed off according to Solid Waste Management Rules, 2016.
- The details of the documents submitted with the application are as under:

1.	Properly filled Form 1,PFR	Yes
2.	Proposed TORs	Submitted
3.	Proof of ownership of land	Submitted
4.	Conceptual Plan	Submitted
5.	Memorandum of Articles & Association and Names of person responsible for day to day affairs of the project.	Submitted
6.	List of accredited EIA consultant organization with accredited sector of NABET	Submitted

The case is placed before SEAC for consideration.

Item No. 167.08: Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of Group Housing Project namely "Orchard County" located in the revenue estate of village Sante Majra, Kharar - Landran Road, Kharar, District SAS Nagar, Punjab by M/s Ansal Lotus Melange Projects Pvt Ltd. (SIA/PB/NCP/22975/2018)

The facts of the case are as under: -

Earlier, M/s Ansal Lotus Melange Projects Pvt Ltd. was granted Environmental Clearance vide no 21-686/2007-IA.III dated 23.04.2008 for construction of group housing "Orchard County" at having built up area 69388.316 sqm in the plot area 48090.24 sqm in the revenue estate of village Sante Majra, Kharar - Landran Road, Kharar, District SAS Nagar, Punjab, subject to the certain conditions by MoEF, New Delhi. The project proponent had proposed to construct a residential colony with 584 flats (1 Block-56 EWS-16 Blocks-528 flats-2BR-252, 3BR-248 and Pent House-22. The total water requirement is 394 KLD (fresh water - 198 KLD). The capacity of STP proposed is 394 KLD. Treated Waste water will be used for flushing of toilets - 131 KLD and horticulture - 65 KLD and balance - 158 KLD will be disposed in local municipal sewers. The total solid waste generation will be 1168 Kg/day (biodegradable - 584 Kg/day, Non-biodegradable - 350 Kg/day and inert waste - 233 Kg/day). Total power requirement proposed is 4300 KW. Total parking spaces proposed are for 964 cars (Basement - 601, open -363). The total cost of the project is Rs. 95.03 Crores.

M/s Ansal Lotus Melange Projects Pvt Ltd. has submitted an application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of Group Housing Project namely "Orchard County" in the revenue estate village Sante Majra, Kharar - Landran Road, Kharar, District SAS Nagar, Punjab. The project proponent submitted as under:-

- 1) The proposed project is located at Village Sante Majra, Kharar - Landran Road, Kharar, District Sahibzada Ajit Singh Nagar (Mohali), Punjab on a plot area of 48090.24 sqm. The total built-up area is approximately 104388.87 sq m
- 2) The area falls within M C limits of Kharar and is under residential use as per the Master Plan of the area.

- 3) They had increased the built-up area more than area mentioned in environmental clearance granted to the project. Further, validity of environmental clearance has also been expired.
- 4) They had expanded the production beyond the limit of EC.

Being a case of violation of the provisions of EIA notification dated 14.09.2006 and as per amendment notification vide No S.O. 804 (E) dated 14-03-2017, project proponent has submitted online application vide proposal no. IA/PB/NCP/69078/2017 on 13/09/2017 to MOEF&CC, for issuance of TORs for obtaining Environmental Clearance for expansion of group housing project located in the revenue estate of village Sante Majra, Kharar - Landran Road, Kharar, District SAS Nagar, Punjab.

It is further added here that, MoEF&CC 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 sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan 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.

Now, the MoEF&CC has transferred proposal no. IA/PB/NCP/69078/2017 dated 13/09/2017 to SEIAA vide proposal no. SIA/PB/NCP/22975/2018 on 28/03/2018 for appraisal of the project in compliance to the amended notification dated 08.03.2018. The brief summary of the project is as under:-

SN	Description	Particulars	Unit
GENERAL			
1	Plot Area (11.88 acres)	48090.24	SQM
2	Proposed Built Up Area	104388.87	SQM
3	Number of Building Blocks (9 Res+1 EWS)	10(9+1)	NOS
4	Total no of Saleable DU's (708+72EWS)	780	NOS
5	Max Height of Building	50.3	M
6	Max No of Floors (Residential Tower)	G+15	NOS
7	Cost of Project	200	CR
8	Expected Population	4012	PERSONS
9	Permissible Ground Coverage Area (35%)	16831.584	SQM
10	Proposed Ground Coverage Area (24.325%)	11698.205	SQM
11	Permissible FAR Area (2.00)	96180.48	SQM
12	Proposed FAR Area (1.94)	93613.32	SQM
13	Non FAR & Other areas	8635.84	SQM
14	Proposed Built Up Area	104388.87	SQM
WATER			
15	Total Water Requirement	397	KLD
16	Fresh water requirement	246	KLD
17	Waste water Generation	280	KLD
18	Proposed STP Capacity	340	KLD
19	Treated Water Available for Reuse	224	KLD
20	Recycled Water	151	KLD
21	Surplus treated water	73	KLD
RAIN WATER HARVESTING			
22	Rain Water Harvesting Potential	14934.82	CUM

23	No. of RWH of Pits Proposed	12	NOS
PARKING			
25	Proposed Total Parking	756	
26	Surface	379	ECS
27	Basement	377	ECS
GREEN AREAS			
32	Required Green Area	4106.336	SQM
33	Proposed Green Area (36.85%)	17704.465	SQM
WASTE GENERATION			
34	Municipal Solid Waste Generation	2.01	TPD
35	Quantity of E-Waste Generation- Kg/Day	13.0	KG/DAY
36	Quantity of Hazardous waste Generation	0.3	LTS/DAY
37	Quantity of Sludge Generated from STP	56	KG/DAY
POWER			
38	Total Power Requirement	5800	KW
39	DG set backup	1050	KVA

- The water supply for the residential project during operation phase will be sourced from water supply department of Greater Mohali development Authority. The total water demand works out to approximately 397 KLD out of which 151 KLD treated water will be taken from onsite STP.

WATER REQUIREMENT			
	POPULATION /	RATE IN	TOTAL QTY IN KL
RESIDENTIAL			
DOMESTIC	3756	65	244
FLUSHING	3756	21	79
NON RESIDENTIAL			
DOMESTIC	85	15	1
FLUSHING	85	30	3
VISITORS			
DOMESTIC	17	6	1
FLUSHING	17	9	2
TOTAL POPULATION			
GARDENING	17	3.5	6
DG COOLING	10	0.9	5.
TOTAL WATER REQUIREMENT		397	

- **SEWAGE GENERATION**

(i) Construction phase:

Quantity of sewage generated during the construction phase will be negligible and proper management will be done by providing mobile toilets. Septic tank & soak pit will be provided on site for treatment.

(ii) Operational Phase:

Sewage generated during operation phase would be approx. 280 KLD. This effluent will be treated in Sewage Treatment Plant. The treated water from STP will be reused for flushing, DG Cooling & horticulture development & surplus treated water will be discharged to the public sewer after getting prior permission from the concerned Authority.

➤ **Solid Waste**

- (i) During Operation Phase, Solid waste generation from the facility is approximately 2.01 TPD.
- (ii) Solid waste generated from the residential block and other areas will be collected daily on door to door basis by the dedicated and trained housekeeping staff. Twin bin systems will also be provided for segregation at sources. Recyclable wastes will be sold to vendors and non- recyclable wastes will be disposed off through authorized agency to municipal waste disposal site.
- (iii) Biodegradable waste will be treated in organic waste converter and will be used as manure for horticulture development.
- (iv) MSW including horticulture waste will be handled as per the Municipal Solid Waste Management & Handling Rules, 2016.

➤ **Hazardous Waste**

- (i) Waste oil from DG sets is only hazardous waste generation from the project. This waste oil is being carefully stored in HDPE drums in isolated covered space and sold to recyclers authorized by CPCB/SPCB.
- (ii) Suitable care is being taken so as to prevent spills/leaks of used oil from storage.

➤ The details of the documents submitted with the application are as under:

1.	Properly filled Form 1, 1A, PFR	Yes
2.	Proposed TORs	Not Submitted
3.	Proof of ownership of land	Not Submitted
4.	Conceptual Plan	Submitted
5.	Memorandum of Articles & Association and Names of person responsible for day to day affairs of the project.	Not Submitted
6.	List of accredited EIA consultant organization with accredited sector of NABET	Submitted

The case is placed before SEAC for consideration.

Item No. 167.10: Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of a Group Housing Project namely "Homeland Heights" located at Sector-70, SAS Nagar (Mohali), Punjab by M/s. Homeland Buildwell Pvt. Ltd. (Proposal no. SIA/PB/NCP/22978/2018)

The facts of the case are as under: -

Earlier, M/s. Homeland Buildwell Pvt. Ltd. was granted Environmental Clearance vide letter number SEIAA/2014/5863 dated 24.01.2014 for construction of a Housing Project namely "Homeland Heights" having total built up area 50,837.34 sqm (37,126.04 sqm for all the floors+ 13,711.30 sqm for basement) in Sector-70, SAS Nagar (Mohali), Punjab, subject to the certain conditions by SEIAA, Punjab.

The project proponent vide letter dated 07.09.2017 regarding condonation of delay in filing environmental clearance application submitted as under:-

- 1) Few landowners of Anaz Mandi whose land was acquired by GMADA & allotted, have not been paid compensation and they are likely to initiate legal proceedings against GMADA and it involved a portion of our allotted area of one tower.
- 2) In order to avoid unnecessary complications and being on the safer side, got the drawings for only 4-towers with built up area of app.50837.34 sqm approved from GMADA on 14.09.13 and started the construction.
- 3) Accordingly, they had applied for NOC from PPCB & environmental clearance etc. as required. Environmental clearance was granted vide letter no. SEIAA /2014/5863 dated 24.01.14.
- 4) They had submitted details total plot area of 18623.325 sqm with built up area of 50837.34 sqm. but had considered total no.276 dwelling units and relevant details of effluents/ discharge from environmental angle. They considered water consumption & discharge as 207 KLD (276 dwelling units @150lpcd) and out of which, net fresh water requirement was 145 KLD and 62 KLD for flushing. The waste water generation estimated to be 166KLD and STP of 175 KLD capacity was proposed and has been since installed & operative. Except the built up area of 50837.34 sqm, all other details/ data were considered for the total project as such and accordingly data was submitted & executed.
- 5) A case was filed by the land owners in Punjab & Haryana High Court and a stay 'status-quo' was granted on 24.09.14 and vacated on 29.10.2015. After the stay

was vacated & on getting clearance from GMADA, they got the 5th tower area included and revised set of drawings was submitted with revised built up area of 81463.94 sqm and the same were approved on 10.10.16.

- 6) Thereafter, they initiated steps to comply with the required regulations and followed up applications one by one with respective department like PPCB/ PSPCL/ Fire Deptt. /Air Force etc to get required permissions or NOC. Revised Consent to Establish for total built up area of 81463.94 sqm was obtained from PPCB vide letter no. 2125 dated 10.04.2017 valid upto 09.04.2018 and from PSPCL NOC was received for final power connection vide letter no.36/Homeland Heights, Mohali /RID-16989 dt.20.01.2017.
- 7) On completion of the project, they again submitted final set of drawings as per actual construction and the same were got approved from GMADA vide letter no. GMADA I EO(Plots)/ 2017 / 16072 dated 21.04.2017 for a total built up area of 84448.397 sqm. Final NOC was received from Fire Deptt. vide letter no. FB 17/074 dated 27.04.17 and from GMADA, Occupancy Certificate for 276 dwelling units vide letter no. GMADA-SDO(B)/17/17024 dated 27.04.17.
- 8) Meanwhile, they have also filed the application with CGWB vide no.21-4-2195/PB/INF/2017 dated 31.05.2017 for permission to abstract 187 KLD of ground water.
- 9) Now, application is being filed for obtaining the Environmental Clearance of the project for total built up area of 84448.397 sqm. with the said expansion.
- 10) Further, it has been informed that they continued to carry on construction and expedited the same as far as possible to complete the project within scheduled time period and also all along trying to comply with various regulations and getting clearances from time to time from the concerned departments. There has been no default or violation of any provisions except the delay in applying for EC for the revised area though here too they have already taken care of all set up accordingly duly installed & operational as may be required for total built up area.

Project proponent further submitted that they had expanded the production beyond the limit of EC. Being a case of violation of the provisions of EIA notification dated 14.09.2006 and as per amendment notification vide No S.O. 804 (E) dated 14-03-2017, project proponent has submitted online application vide proposal no. IA/PB/NCP/68564/2017 on 13/09/2017 to MOEF&CC, for issuance of TORs for obtaining

Environmental Clearance for expansion of residential project located at Sector-70, SAS Nagar (Mohali), Punjab.

It is further added here that, MoEF&CC has 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 sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan 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.

Now, the MoEF&CC has transferred proposal no. IA/PB/NCP/68564/2017 dated 13.09.2017 to SEIAA vide proposal no. SIA/PB/NCP/22978/2018 on 28/03/2018 for appraisal of the project in compliance to the amended notification dated 08.03.2018. The brief summary of the project is as under: -

Sr. No.	Description	EC Accorded	Proposed	Total (After Expansion)
1.	Total Plot Area	18,623.325 m ² (or 4.6019 acres)		
2.	Built-up Area	50,837.34	33,611.057	84,448.397
3.	Estimated Population	1,380 Persons		
4.	Total Water Requirement	207 KLD (@ 150 lpcd)	-	186 KLD (@ 135 lpcd)
5.	Fresh water Demand	145 KLD	-	124 KLD
6.	STP capacity	175 KLD	25 KLD	Existing STP of 200 KLD capacity
7.	Solid waste generation	554 kg/day		
8.	Rain water recharging Pits	5 Pits		
9.	Power Load	2,400 KVA	1,461 KVA	3,861 KVA

- The project site is located at Sector-70, SAS Nagar (Mohali), Punjab. The land was allotted by GMADA for the development of the residential project. Hence, housing project has been constructed on the allotted land of the project site.
- The built up area of the project has been increased from 50,837.34 sqm to 84,448.397 sqm.
- Total Cost of the project is Rs.345.75 Crore
- Total water requirement for the project after full occupancy will be 186 KLD, out of which 124 KLD is fresh water requirement, 62 KLD for flushing. The water demand is through own borewells provided within the project premises.
- About 149 KLD of wastewater will be generated from the project after full occupancy which is treated in existing STP of 200 KLD capacity based on MBBR Technology provided within the project premises. Treated water has been recycled for horticulture and flushing. The remaining treated wastewater will be disposed off to GMADA sewer.
- 554 kg/day domestic solid waste will be generated from project after full occupancy; Collection system has been provided for collection of domestic waste

in colored bins i.e. for dry recyclables, bio-degradable waste & non-biodegradable waste. Separate area is earmarked for the segregation of the waste. Bio-Degradable wastes including horticultural waste will be composted by use of Mechanical composter and used for gardening purposes. Recyclable wastes is being sold off to recyclers.

- The total power load is 3,861 KVA. Power is being supplied by Punjab State Power Corporation Limited (PSPCL). Power backup for the project has been provided through 5 number of DG sets of total capacity 2,260 KVA (i.e. 3× 500 KVA + 2×380 KVA). At present, only 1 DG set has been installed of capacity 500 KVA.
- 5 no. of Rain Water Recharging pits have been constructed for artificial rain water recharge within the project premises.
- Adequate parking space of 610 ECS has been provided within the project.
- The details of the documents submitted with the application are as under:

1.	Properly filled Form 1, PFR	Yes
2.	Proposed TORs	Submitted
3.	Proof of ownership of land	GMADA allotment letter submitted
4.	Conceptual Plan	Submitted
5.	Memorandum of Articles & Association and Names of person responsible for day to day affairs of the project.	Not submitted
6.	List of accredited EIA consultant organization with accredited sector of NABET	Not submitted

The case is placed before SEAC for consideration.

Item No. 167.09: Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of a Group Housing Project namely " OMEGA CITY" located at Kharar- Ludhiana Road, Tehsil Kharar, District SAS Nagar, Punjab by M/s Omega Infra Estates Pvt. LTD (SIA/PB/NCP/22977/2018)

The facts of the case are as under: -

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

The project proponent further submitted that it is a case of violation of the provisions of EIA notification dated 14.09.2006 and as per amendment notification vide No S.O. 804 (E) dated 14-03-2017, violation cases even of category "B" projects which are granted Environmental Clearance by SEIAA, are to appraised for grant of Environmental Clearance only by the EAC and EC is to be granted at central level.

Accordingly, they had submitted the online application vide proposal no. IA/PB/NCP/68670/2017 on 12/09/2017 to MOEF&CC for issuance of TORs for obtaining Environmental Clearance for group housing project located at Kharar- Ludhiana Road, Tehsil Kharar, District SAS Nagar, Punjab.

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

Now, the MoEF&CC has transferred proposal no. IA/PB/NCP/68670/2017 dated 12/09/2017 to SEIAA vide proposal no. SIA/PB/NCP/22977/2018 on 28/03/2018 for appraisal of the project in compliance to the amended notification dated 08.03.2018. The brief summary of the project is as under: -

- The project is located at Village Kharar- Ludhiana Road, Tehsil Kharar, District SAS Nagar, Punjab
- Earlier, the environmental clearance for the existing project was not required because the built up area was 16774 sqm. Now, the built up area has been increased to 36445 sqm and the construction has been started.
- Consent to operate for 188 flats have been issued by the SPCB
- The total plot area is 22825 sqm.
- Total builtup area of the project is 36445 Sqm. Total 406 flats shall be developed. Maximum height of the building is 25 m.

- As per the Form1, The project site is located at village Khanpur near kharar and the land for the proposed project confirms to the land use as per the Master plan.
- The project is not located within 10 km of any Eco Sensitive areas.
- No court case is pending against the project.
- Project cost of the project is Rs.50 Cr.
- During construction phase, total water requirement is expected to be 20 KLD which will be met by ground water. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.
- During operational phase, 274 KLD will be total water demand of the project, which will be met through Tube well (ground water)
- 219 KLD Wastewater will be treated in STP of capacity 225 KLD out of which 69 KLD will be recycled. The detail of recycled water is as under:-
 - (i) Uses- Flushing-49 KLD,
 - (ii) Plantation & Irrigation-20 KLD
- Solid waste is about 810 Kg / day will be collected separately as Bio-degradable and Non-biodegradable waste as per the MSW Rules, 2016. The biodegradable waste will be processed in OWC and the non-biodegradable waste generated will be handed over to authorized local vendor.
- The total power requirement during construction phase is 50 KW and will be met from PSPCL, Punjab and total power requirement during operation phase is 2200 KW and will be met from PSPCL, Punjab.
- Roof top rainwater of buildings will be collected in 3 RWH tanks of total 70 KLD capacity for harvesting after filtration.
- Parking facility for 338 four wheelers and 120 two wheelers is proposed to be provided against the requirement of 336 and 100 respectively (according to local norms).
- Proposed energy saving measures would save about 21% of power.
- The details of the documents submitted with the application are as under:

1.	Properly filled Form 1	Yes
2.	Proposed TORs	Submitted
3.	Proof of ownership of land	Submitted

4.	Conceptual Plan	Submitted
5.	Memorandum of Articles & Association and Names of person responsible for day to day affairs of the project.	Not submitted
6.	List of accredited EIA consultant organization with accredited sector of NABET	Not submitted

The case is placed before SEAC for consideration.

Item No. 167.11: Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of Group Housing Project namely "Beverly Apartments" located in the revenue estate of Village –Manawala, G.T. Road, Amritsar, (Punjab) by M/s Dream County Homes & Villas LLP. (SIA/PB/NCP/22980/2018)

The facts of the case are as under: -

M/s Dream County Homes & Villas LLP. has submitted an application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of Group Housing Project namely "Beverly Apartments" in the revenue estate of Village –Manawala, G.T. Road, Amritsar, (Punjab). The project proponent vide letter 07.09.2017 submitted as under:-

- 1) Due to unawareness of applicability of EIA Norms & EIA Notification, they have started construction of the project without obtaining prior environmental clearance of the project.
- 2) They had almost completed the construction of the project buildings and finishing work is going on for completion of the project.
- 3) Now, they came to know that their project attract applicability of EIA Notification dated 14.09.2006 issued by MoEF, GOI, New Delhi.
- 4) MoEF&CC vide S.O. 804 (E) dated 14.03.2017 has given an opportunity for violation matter. Therefore, they hereby submitting application for issuance of TOR for obtaining Environmental Clearance application under EIA Notification dated 14.09.2006 as amended 14.03.2017 for the above said project

Being a case of violation of the provisions of EIA notification dated 14.09.2006 and as per amendment notification vide No S.O. 804 (E) dated 14-03-2017, project proponent has submitted online application vide proposal no. IA/PB/NCP/68386/2017 on 11/09/2017 for issuance of TORs for obtaining Environmental Clearance to MOEF&CC, for grant of Environmental Clearance to the project located in the revenue estate Village –Manawala, G.T. Road, Amritsar, (Punjab).

It is further added here that, MoEF&CC 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 sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan 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.

Now, the MoEF&CC has transferred proposal no. IA/PB/NCP/68386/2017 dated 11/09/2017 to SEIAA vide proposal no. SIA/PB/NCP/22980/2018 on 28/03/2018 for appraisal of the project in compliance to the amended notification dated 08.03.2018. The brief summary of the project is as under: -

- The Project is located at Latitude 31°35'17.95"N & Longitude 74°57'48.15"E, Village Manawala, G.T. Road, Amritsar, (Punjab).
- The Project is a New Project (Under Construction).

- No earlier Environmental Clearance has been granted.
- Due to unawareness of applicability of EIA Norms and EIA Notification on our project, we were started construction of the project without having prior environmental clearance permission of aforesaid project. We have almost completed the construction of the project buildings and finishing work is going on for completion of the project.
- The total project /plot area is 15928.41 sq. m (171389.73 Sq.Ft=3.93 Acs.), Area Reserved For Future Expansion = 1417.24 sq. m (15249.54 Sq.Ft=0.35 Acs.), Net Planned Area = 14511.17 sq. m (156140.19 Sq.Ft=3.58 Acs.) and built up area 44023.12 sq. m. The FAR permissible and to be achieved are respectively 39821.00 sq. m (2.5%) & 26062.59 sq. m (1.64%)
- The total Number of Floors are Basement + Ground floor + 12 Upper Floors + Terrace and Total Number of Dwelling Units are 173 Units (2 BHK - 28, 3 BHK - 132 & 5 BHK – 13). Height of the highest building / towers will be 42.6 m.
- **Water requirement during Construction Phase:**
Requirement of water during construction period was 50 KLD (Approx.). Sock pits and septic tanks were provided during construction phase. Temporary sanitation and toilets were provided to labours during peak labour force.
- **Water requirement during the operation phase:**
The total water requirement for the project is 141 KLD. Which will be sourced from Existing bore wells and from PHED Supply after getting permission. The fresh water required is 83 KLD; the recycled water demand is 58 KLD. The waste water generation from domestic use during the operation phase is 109 KLD which will be treated in STP of capacity 180 KLD and whole of the treated water available (98 KLD) will be used for, 43 KLD in Flushing, 10 KLD in irrigation, 5 KLD for Floor/Road/ Vehicle washing & rest of 40 KLD recycled treated water will be utilized in the irrigation of roadside greens.
- The total solid waste generated from the project in the form of garbage (dry & wet) will be 430 kg/day. Out of which 30% will be Organic waste & 70% will be Inorganic. Solid Waste garbage generated from residential/permanent population will be 407 kg/day & 23 kg/day from visitors / floating population (which is calculated @ 450 gm/person/day for residential/permanent population & @ 250 gm/person/day for visitors / floating population respectively, as per the

norms of MoEF's Manual on Norms & Standards for Environment Clearance of Large Construction Projects).

- Power requirement:
 - (i) Connected Load-3450 KW, Demand Load-2000 KW, Source: PSPCL,
 - (ii) 2 nos. of D.G. sets of total capacity 1500 KVA (each 750 KVA Capacity) shall be provided for power back up in case of power failure.
- Rooftop rain water from the building will be collected in 5 RWH Pits and Rain Water collected from Paved Surface/Road Surface & Landscaped,
- Total no. of parking required comes out to be 372 ECS and. as per calculation and we are providing 374 ECS.
- It is not located within 10 Km of Eco Sensitive Areas.
- There is no court case pending against the project.
- Employment potential of the project will be approx. 150 persons.
- Project will increase local employment as well as good residential facilities.
- The details of the documents submitted with the application are as under:

1.	Properly filled Form 1, PFR	Yes
2.	Proposed TORs	Not Submitted
3.	Proof of ownership of land	Not Submitted
4.	Conceptual Plan	Not submitted
5.	Memorandum of Articles & Association and Names of person responsible for day to day affairs of the project.	Submitted
6.	List of accredited EIA consultant organization with accredited sector of NABET	Not submitted

The case is placed before SEAC for consideration.

Item No. 167.12: Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of Group Housing Project namely "Shourya Greens" in the revenue estate of Surya Enclave, Amritsar By Pass Road, Near Trinity College, Jalandhar, Punjab by M/s Shourya Tower Pvt. Ltd. (SIA/PB/NCP/22984/2018)

The facts of the case are as under: -

M/s Shourya Tower Pvt. Ltd. has submitted an application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of Group Housing Project namely "Shourya Greens" located in Surya Enclave, Amritsar Bypass Road, Near Trinity College, Jalandhar, Punjab. The project proponent submitted brief history of the project is as under:-

- 1) Total plot area for the project is 66854.12 sqm and the built-up area 141869.32 sqm, out of which 84898.9164 sqm has already been constructed which includes residential area (22 Towers constructed out of 35 Towers), commercial area, parking area and other services
- 2) Jalandhar Improvement Trust (JIT) has acquired 170 acres of land in Jalandhar for the development of Group housing project and other Area developments.
- 3) "Shourya Greens" is a "private public partnership" model project between Jalandhar Improvement Trust (JIT) and M/s Shourya Towers Pvt. Ltd (developer) which is to be developed in 16.52 acres in the total land acquired by JIT and both parties are bind by the registered agreement dated 05.08.2005. However, it was very much in the state of confusion that Environmental clearance and other NOC's were to be taken by Jalandhar Improvement Trust or by M/s Shourya Pvt. Ltd.
- 4) At the time of obtaining occupational certificate, it was directed that they shall obtain Consent to Operate from Punjab Pollution Control Board. Show Cause Notice for violation issued by the Punjab Pollution Control Board under water Act, 1974, Air Act, 1981 and Environmental Protection Act, 1989. The project proponent has already been prosecuted by Punjab Pollution Control Board.
- 5) The matter was taken by Punjab Pollution Control Board twice and the project proponents were directed to obtain environmental clearance and consent to operate for 16.52 acre separately.

- 6) It was requested that they were unaware of the norms and procedures and did the violation unintentionally

The project proponent submitted that they had started the work onsite & partly completed the construction work without obtaining prior Environment Clearance. Being a case of violation of the provisions of EIA notification dated 14.09.2006 and as per amendment notification vide No S.O. 804 (E) dated 14-03-2017, project proponent has submitted online application vide proposal no. IA/PB/NCP/66826/2017 on 31/07/2017 to MOEF&CC, for issuance of TORs for obtaining Environmental Clearance for the project located in Surya Enclave, Amritsar By Pass Road, Near Trinity College, Jalandhar, Punjab.

It is further added here that, MoEF&CC 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 sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan 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.

Now, the MoEF&CC has transferred proposal no. IA/PB/NCP/66826/2017 dated 31/07/2017 to SEIAA vide proposal no. SIA/PB/NCP/22984/2018 on 28/03/2018 for appraisal of the project in compliance to the amended notification dated 08.03.2018. The brief summary of the project is as under:-

- The project is a Group Housing Project- "Shourya Greens" located at Surya Enclave, Amritsar by pass road, Near Trinity College, Jalandhar, Punjab.
- The total plot area of group housing colony is 66,854.12m²(or16.52 acres). The comparative detailed area statement as per the total area is as under:-

SI. No	Particulars	Constructed	To be construct	Total Values (m ²)
1.	Plot Area			66854.12 (16.52 Acres)
2.	Permissible Ground Coverage (@ 50% of total plot area)			33427.06
3.	Proposed Ground Coverage (@			19152.52
4.	Permissible F.A.R. (@ 2)			1,33,708.25
5.	Proposed F.A.R. – (A) <ul style="list-style-type: none"> • Residential F.A.R. • Commercial (Shopping)/Community centre F.A.R. 	70559.816 3,399.96	52482 0	126444 (1,32,858.79-E) 123041.81(1,29,458.77-E) 3,399.96
6.	Services Area- (B)	880.14	0	880.14
7.	Area under security + check post- (C)	120.00	0	120.00
8.	Open parking			12,050.97
9.	Basement parking – (D)	8010	0	8010
10.	Stilt Parking- (E)	1929.315	4485	6414.8
11.	Landscape (@30.19% of total plot area)			20,181.62
12.	Built up Area-	84898.9164	56967.87	141869.32

13.	DU's	624	348	972
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- Total built-up area of the project is 1,41,869.32 sqm out of which the total constructed built-up area is 84898.9164 sqm & remaining built-up area (which is yet to be constructed) is 56966.8716 sqm. The total no. of the flats is 972 and out of the total 624 flats has been developed and 348 flats will be developed at the site. This includes Residential area (22 towers constructed out of 35 towers), Commercial area, Parking area and other services
- The residential population for the total area of the project is 5028 persons
- The project cost (land + development cost) for the group housing project is 197.60 Crores.
- The total water requirement for the project is 605 KL out of which 389 KLD is domestic water requirement in already constructed phase and remaining 216 KLD is domestic water requirement for the phase which is yet to be constructed. The water supply will be provided by private water tanker. The fresh water requirement for the project is approx 424 KLD which is 70% of the domestic water demand.
- It is expected that the project will generate approx. 519 KLD of sullage. The sullage generated by the project will be treated in the common sewage treatment plant as the project has the provision of connecting the internal sewer line with the master line of master sewage treatment plant of Jalandhar improvement trust at Pholriwal, Jalandhar.
- Total of 15 Rain Water Harvesting pits (@ 1 pit/acre) has been proposed for artificial rain water recharge within the project premises.
- Total parking proposed at the project site is 930 ECS.
- The power supply shall be supplied by Punjab State Power Corporation Limited (PSPCL). The Maximum Demand load for the group housing project will be approx. 4892KVA.
- The solid waste generated from the project is being mainly domestic waste and estimated quantity of the waste shall be approx.2306kg per day (@ 0.50 kg per capita per day for residents,54kg per day@0.25 kg per capita per day for the staff, 65 kg per day @0.15 kg per capita per day for the visitor. Suitable arrangements will be made at the site in accordance to Municipal Solid Wastes (Management and Handling) Rules, 2000 and amended Rules, 2008.

- The total green area is 20,181.62 m² (30.19 % of plot area) will be under herbs, shrubs, climbers, saucer shaped water bodies etc. Evergreen tall and ornamental trees have been proposed to be planted inside the premises.
- The details of the documents submitted with the application are as under:

1.	Properly filled Form 1	Yes
2.	Proposed TORs	Submitted
3.	Proof of ownership of land	Not Submitted
4.	Conceptual Plan	Submitted
5.	Memorandum of Articles & Association and Names of person responsible for day to day affairs of the project.	Not Submitted
6.	List of accredited EIA consultant organization with accredited sector of NABET	Not Submitted

The case is placed before SEAC for consideration.

Item No. 167.13: Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of educational institute namely "PTU Campus Bathinda" of Punjab Technical University located at Dabwali-Bathinda Road, Bathinda, Punjab by GZS PTU Campus Bathinda. (SIA/PB/NCP/22982/2018)

The facts of the case are as under: -

GZS PTU Campus Bathinda has submitted an application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of educational institute namely "PTU Campus Bathinda" located at Dabwali-Bathinda Road, Bathinda, Punjab by M/s GZS PTU CAMPUS Bathinda. The project proponent submitted vide letter dated 31.07.2017 is as under:-

- 1) They had applied to SEIAA, for issuance of TOR under EIA Notification dated 14-09-2006 for Expansion of the existing campus of Punjab Technical University in the name & style "Giani Zail Singh, PTU Campus" at Dabwali-Bathinda Road, Bathinda.
- 2) SEIAA observed that it is a case of violation of the provisions of EIA notification dated 14-09-2006.
- 3) SEIAA also observed that as per amendment in notification vide No S.O. 804(E) dated 14-03-2017, violation cases even of category "B" projects which are granted Environmental Clearance by SEIAA are to appraised for grant of Environmental Clearance only by the EAC and EC is to be granted at central level.
- 4) Being a violation case, they have submitted online application for issuance of TOR to MOEF&CC, for expansion of the existing campus of Punjab Technical University at Dabwali-Bathinda Road, Bathinda.

The project proponent submitted that the existing built up area of the University was 103977m² and university started the construction work of new building without getting environmental clearance. Being a case of violation of the provisions of EIA notification dated 14.09.2006 and as per amendment notification vide No S.O. 804 (E) dated 14-03-2017, project proponent has submitted online application vide proposal no. IA/PB/NCP/67263/2017 on 07/08/2017 to MOEF&CC, for issuance of TORs for obtaining Environmental Clearance for the project located at Dabwali-Bathinda Road, Bathinda, Punjab.

It is further added here that, MoEF&CC 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 sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan 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.

Now, the MoEF&CC has transferred proposal no. IA/PB/NCP/67263/2017 dated 07/08/2017 to SEIAA vide proposal no. SIA/PB/NCP/22982/2018 on 28/03/2018 for

appraisal of the project in compliance to the amended notification dated 08.03.2018. The brief summary of the project is as under:-

- The total cost of the project is Rs. 40 Crore, which includes cost of land.
- The total land for Institution is 143.94 acres.
- The total power requirement is about 1466.820 KW. Punjab State Power Corporation Limited provides Power and Standby Generators are provided to run emergency utilities like Water Supply, Sewage Treatment Plant and Lifts etc as well as power backup. 02 No. 380 KVA and 160KVA has been provided.
- Total strength of the Institutions is about 3500 students and staff. The domestic water demand is worked out using water requirements of 135 liters per day per person for residential population in Hostel & residential houses and for floating, the requirement is 45 liters per day. The total water demand of the university is about 357.5 KL/day. The source of water is surface water (Bathinda canal).

➤ **Fresh Water Requirement**

S.No.	SOURCE	POPULATION	@lpcd	TOTAL (KLD)
1.	Hostler	1400	135	189
2.	Resident Staff	815	135	110
4.	Floating	1300	45	58.5
	TOTAL	3500		357.5

- About 286m³/day of waste water is generated. Sewage Treatment Plants have been already installed. The treated water is being used for plantation within the premises and irrigation purpose as per karnal technology. There is thus no pollution of water resources.
- The detail of disposal arrangement of waste water is as under :-

S.No.	Season	Total waste water at the outlet of STP	For Flushing purposes (KLD)	Green Area 6600 sqm (KLD)	Karnal Technology (KLD)
1.	Summer	266	14	69	183
2.	Winter	266	14	21	231
3.	Rainy	266	14	6	246

- The solid waste generated from the construction activities was effectively recycled within the project.
- The solid waste generated in the Institutes is mostly domestic waste. Thus there is no problem of air pollution or Odour nuisance and flies etc. & soil contamination. The detail calculation of waste generation is as under:_

S. No	CATEGORY OF WASTE		WASTE GENERATED	WASTE GENERATED (KG)
1.	Municipal Solid Waste	Hostetler's	2200 @ 0.45 kg/capita/day	990
		Visitors	1300 @ 0.20 kg/capita/day	260
2.	E-waste		Lump-sum/annum	100
3.	Used oil		Lump-sum/annum	150

- (i) A door to door (hostels) collection system has been provided for collection of domestic waste in the bins The local vendors will be hired to provide separate colored bins for dry recyclables and Bio – Degradable waste. Litter bin has been provided in open areas like parks etc.
- (ii) Bio – Degradable wastes has been lifted by M/s JITF, Bathinda for final disposal. Non-Bio degradable like papers, plastic, metals etc will be segregated and stored into isolated place. E-waste will be stored

as per e-waste management rules 2011 and Used oil has been stored into Plastic drum in isolated place.

- Proponent has installed Noiseless generators as power backup. No other point source of emissions like boiler, furnace etc. to run on fossil fuels, have been provided. In view of this the Project does not create Air & Noise Pollution.
- Rain Water Harvesting provision has been provided for recharging of the aquifer as well as to meet some of the water demands.
- 19% energy will be saved by the following means:-
 - (i) by using 20W CFL/LED instead of 40 W tubes
 - (ii) by using solar lights on street lights
 - (iii) by using Energy savers on Fans & Sockets
- The details of the documents submitted with the application are as under:

1.	Properly filled Form 1,PFR	Yes
2.	Proposed TORs	Submitted
3.	Proof of ownership of land	Submitted but not readable
4.	Conceptual Plan	Submitted
5.	Memorandum of Articles & Association and Names of person responsible for day to day affairs of the project.	Submitted
6.	List of accredited EIA consultant organization with accredited sector of NABET	Not Submitted

The case is placed before SEAC for consideration.

Item No. 167.14: Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of educational institute namely " Punjabi University Patiala" located at Chandigarh- Patiala Road, Patiala, Punjab by Registrar, Punjabi University, Patiala. (SIA/PB/NCP/23389/2018)

The facts of the case are as under: -

The project proponent has filed application for issuance of TOR under EIA notification, 2006 for expansion of the Existing University at Chandigarh-Patiala Road, Patiala. The project is covered under category 8 (b) of the Schedule appended to the said notification. The details of the project as given in Form 1 and 1A and other documents are as under:

- The total land area of the project is 312 acre and the total built up area after expansion will be 457832 sqm. The total cost of the project is 120 crore.
- Earlier, the project site consists of Administration building, hostel, class rooms & Dispensary with built up area of 385647 sqm. The detail of existing buildings are as under:

1. CONVOCATION HALL	32. E SUB-STATION
2. ADMINISTRATIVE B-1	33. TUBE WELL ATT.Q
3. LIBRARY	34. SCIENCE BLOCKS
4. GOBIND BHAWAN	35. SCIENCE AUDITORIUM
5. PUNJABI BHAWAN	36. GUEST HOUSE
6. ARTS BLOCK	37. BOTANICAL GARDEN
7. ARTS AUDITORIUM	38. CHECK POST
8. STUDENT'S HOME	39. XENS HOUSE
9. BOYS HOSTEL	40. REGISTRAR HOUSE
10. WARDENS HOUSE	41. VICE CHANCELLORS HOUSE
11. CYCLE STAND	42. SCHOOL
12. PAVILION	43. GYMNASIUM
13. SEATING ARRANGEMENT	44. F-TYPE HOUSES
14. D-TYPE HOUSES	45. OBSERVATORY
15. E-TYPE HOUSES	46. LAW COLLEGE
16. WATER TANK	47. RESEARCH SCHOLAR FLATS O
17. PRESS BUILDING	48. (F) TYPE HOUSE
18. MARKET	49. INSTRUMENTATION C.
19. TEACHERS FLAT	50. XEN OFFICE
20. DISPENSARY	51. STORE
21. M.D. RESIDENCE	52. GURUDWARA
22. NEW TEACHERS FLAT	53. ENGINEERING COLLEGE
23. FOUR ROOMED HOUSE	54. GURMAT SANGEET BHAWAN
24. B-TYPE HOUSES	55. ADMINISTRATIVE BLOCK II
25. OLD C-TYPE HOUSES	56. PRODUCTION & SALE
26. NEW C-TYPE HOUSES	57. JUICE BAR
27. OLD A-TYPE HOUSES	58. WARIS BHAWAN
28. NEW A-TYPE HOUSES	59. FACULTY CLUB
29. GIRLS HOSTEL	60. TEMPLE
30. NUCLEAR S.LAB.	61. BUS QUE SHELTER
31. WORK SHOP	

62.MUSIUM & HERBARIUM 63.DISPOSAL 64.COMPUTER CENTRE 65.A.V.R.C. BUILDING 66.PHARMACIUTICAL BUILDING 67.PBI REF LAB 68.CAR/SCOOTER PARKING 69.NURSERY 70.TUBE WELL 71.SWITCH ROOM 72.BANK BUILDING 73.MILK BOOTH 74.ANIMAL HOUSE 75.WORKING WOMEN HOSTEL 76.CANTEEN & UNION OFFICE 77.SC.ST HOSTEL FOR BOYS 78.SC.ST HOSTEL FOR GIRLS 79.LAND SCAPING OFFICE 80.KALA BHAWAN 81.MAIN STORE 82.SECURITY OFFICE 83.I.M.D HOUSE 84.TROPICAL PLANT HOUSE 85.SEED STORE 86.GREEN HOUSE 87.SHOPPING CENTRE 88.UNITY PARK	89.BIO-TECH DEPARTMENT 90.DOME SHAPED MUSIUM 91.COFFEE HOUSE 92.ENQUIRY 93.GIRLS HOSTEL FOR U.C.O.E 94.BOYS HOSTEL FOR U.C.O.E 95.WORKSHOP FOR U.C.O.E 96.FITNESS CENTRE 97.MEDIA CENTRE 98.SYNTHETIC TRACK 99.MBA-II 100.HOTEL MANAGEMENT 101.CLASS ROOM BLOCK 102.EXAMINATION 103.GURUGRANTH SAHIB BHAWAN 104.SPORTS HOSTEL 105.WORLD PUNJABI CENTRE 106.STAFF ACADEMIC GUEST HOUSE
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- The University has proposed to add Sports Complex, Teaching Departments, Hostels & Residences of staff with built up area of 72,185 sqm. The detail of proposed buildings are as under:

107.MULTIPURPOSE GYMNASIUM HALL
108.INDOOR SPORTS TRAINING FACILITY
109.FITNESS CENTRE WITH SPORTS
SCIENCE BACK UP
110.SWIMMING POOL
111.WOMEN HOSTEL
112.PAVILION
113.BADMINTON COURT
114.100 BEDED SC GIRLS HOSTEL
115.CENTRE FOR EXCELLENCE IN SPORTS
116.TEACHERS FLAT
117.RESEARCH SCHOLAR FLATS
118.NEW E TYPE HOUSE
119.NEW D TYPE HOUSE
120.NEW HOSTEL
121.NEW WORKSHOP UCOE
122.EXTENSION OF GIRLS HOSTEL FOR U.C.O.E
123.EXTENSION OF BOYS HOSTEL FOR U.C.O.E
124.EXTENSION OF U.C.O.E

- The total built up area of the institute after expansion will be 457832 sqm (existing @385647 sqm + proposed@ 72185 sqm) with population remaining same i.e. 22000. As the no. of students are not increasing with the proposed expansion,

there will be no increase in vehicular traffic.

- The institute has been granted permission for change of land use for an area measuring 120 acres in revenue estate of Villages Shekhpura kambuan, Nasirpur kambuan, Karheri & Phalauli, Sub-Tehsil Patiala, District Patiala vide notification dated 27.03.1963 by the Educational Commissioner, Govt. of Punjab.
- About 9% of the area is marked for ground coverage and 91% for roads, green belt and other utilities.
- The total water requirement for the University at present is 1636 KLD including total fresh water requirement of 1586 KLD and the same is being met through borewell.
- The total wastewater generation from the project is 1358 KLD. The STP of capacity 1500 KLD has already been installed in the university to treat the waste water generated from different sources in the University. In summer season, the project proponent has proposed to utilize 50 KL/day of treated wastewater for flushing purpose, 654 KLD will be utilized for horticulture purposes & 627 KLD will be discharged into sewer. In winter season, 50 KL/day of treated wastewater for flushing purpose, 208 KLD will be utilized for horticulture purposes & 1073 KLD will be discharged into sewer. In rainy season, 50 KL/day of treated wastewater for flushing purpose, 58 KLD will be utilized for horticulture purposes & 1223 KLD will be discharged into sewer.
- About 115695 sqm green area is available for use of treated waste water.
- About 68537 m³ per annum of roof top rain water is being recharged with the help of 15 no. rainwater harvesting wells.
- The total quantity of Municipal Solid Waste which is being generated from the project has been estimated as 6150 ton per Day. The E-waste which is being generated per annum is 0.50 ton. The hazardous waste which is being generated is spent oil @1000 ltr per day. The Solid waste is being disposed off as per MSW Rules, 2000 and E-waste is being disposed off as per E-waste (Management & Handling) Rules, 2011.
- Total power requirement for the project is 6000KW which will be provided by PSPCL. The DG sets provided in the University are two in number with capacity @ 500 KVA each.
- Registrar of the University will be responsible for implementation of EMP.

- Rs. 14 lacs as capital cost, Rs. 3 lacs as recurring cost & Rs. 0.8 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred in construction phase. In operation phase, Rs. 315 lacs as capital cost, Rs. 9.50 lacs as recurring cost, Rs. 3.5 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred.
- The project proponent has proposed to spent Rs. 100 lacs towards CSR activities and Partner of the company will be responsible for its implementation. The list of activities to be undertaken are as under: -
 - a) Free dispensary.
 - b) Free education for poor students.
 - c) Free medical facilities to the students and staff.
- The project proponent has submitted copy of acknowledgement alongwith set of application applied online for obtaining permission from NBWL as the site of University is falling within radius of 10 Kms of Bir Moti Bagh Wildlife Sanctuary
- The project proponent has submitted the proposed Terms of Reference (TORs).
- Dr. Devinder Singh Sidhu S/o Sh. Balinder Singh age 54 is the Registrar of Punjabi University Patiala and he has filed the application for obtaining TOR as applicant.

The details of the documents submitted with the application areas under:

1.	Properly filled Form 1 & pre-feasibility report	Yes
2.	Proof of ownership of land	Already having existing land to accommodate the expansion part.
3.	CLU status	Submitted
4.	Memorandum of Articles & Association and Names of person responsible for day to day affairs of the project.	Submitted
5.	List of accredited EIA consultant organization with accredited sector of NABET	Submitted

Environmental Engineer, PPCB, RO, Patiala was requested vide email dated 22.12.2016 to send the latest construction status of the University site. Environmental Engineer, PPCB, RO, Patiala vide its return email dated 03.01.2017 has reported that the proposed site of the project was visited by AEE & JEE of this office on 03.01.2017 and Sh. Manjit Singh, JE was contacted. During the visit, it was observed that construction of new fitness center in front of guest house of the university was in progress. The

representative of the university informed that the same has been started one & half year back and will be completed soon. Other than this center, no major construction was observed.

The case was considered by SEAC in its 154th meeting held on 03.01.2017, which was attended by the following on behalf of the project proponent:

- (i) Sh. Manjeet Singh, Executive Engineer, Punjabi University, Patiala
- (ii) Sh. Sital Singh, M/s CPTL, Chandigarh, Environmental Consultant of the University.

Sh. Manjeet Singh submitted an authority letter dated 02.01.2017 wherein he has been authorized by the Registrar namely Prof. Devinder Singh to attend the meeting of SEAC regarding environmental clearance for expansion of existing sites in University located on Chandigarh Patiala Road by Punjabi University, Patiala. The authority letter was taken on record by the SEAC.

On perusal of the visit report sent by EE, RO, Patiala, the SEAC observed that construction of new fitness center in front of guest house of the university has been started one & half year back & is in progress. Other than this center, no major construction has been undertaken. To this enquiry, the Executive Engineer informed that SEAC that construction work on building no.109 i.e. New Fitness Centre is under progress but no construction activity other than this related to the expansion component of the project has been undertaken by the University. The University submitted year-wise details of the built up area 2003 onwards on the prescribed proforma sent by SEIAA. From perusal of the said area statement, the SEAC observed that major construction work has been done by the University from July 2004 onwards and even after 14.09.2006. The SEAC also observed that as per detail of the existing built up area, it is not matching with the total built up area provided in the application i.e. 3,85,000 sqm. The SEAC further observed that the University is still violating the provisions of EIA notification, 2006 inspite of notice issued by the SEIAA and the case is required to be dealt with as per the OM dated 12.12.12 & 27.06.2013 issued by MoEF, GOI, New Delhi. The SEAC also noticed that as per relevant portion of copy of MOA submitted by the project proponent, the officers of the University are (i) the Chancellor (ii) the Vice Chancellor (iii) the Registrar (iv) the Dean of the Faculties & (v) such other persons in the service of the University as may be declared by the Statutes to be the officers of the University. Moreover, as per copy of note page 2/N dated 20.10.2016 attached with the

environmental clearance application wherein the details of responsibilities and duties of various officers have been provided, Vice Chancellor of the University is Chief Executive Officer-cum-Administrative Officer. Vice Chancellor is also Ex-Officio Chairman of Senate, Syndicate, Academic Council & Finance Committee. Registrar is the full time Administrative Officer of the University. Registrar is also Ex-Officio Secretary of Senate, Syndicate, Academic Council and Finance Committee. As such, the responsible persons of the University against whom action for violation of provisions of EIA notification, 2006 is to be recommended are Vice-Chancellor and Registrar.

After deliberations, the SEAC decided to forward the case to SEIAA with the following recommendations:

- To ask the project proponent to submit a formal resolution passed by the Board of Directors of the Company or the Managing Committee / CEO of the Society, Trust, partnership / individually owned concern, within 60 days, mentioning that violations will not be repeated in future and in the meantime, the project may be delisted. In the eventuality of not having any response from the project proponent within the prescribed limit of 60 days, the project file may be closed.
- For initiating credible action against project proponent / responsible persons / Promoter Company i.e. Punjabi University, Patiala and its Vice-Chancellor & Registrar under the Environment (Protection) Act, 1986 due to start of construction activities of the project without obtaining Environmental Clearance under EIA notification dated 14.09.2006.
- Once action as per point a & b mentioned above have been taken, the concerned case will be dealt with and processed as per the prescribed procedure for dealing with cases for grant of TORs / Environment Clearance /CRZ Clearance and appropriate recommendation made by the EAC/decision taken by the Ministry as per the merit of the case.
- For issuance of directions under Section 5 of the Environment (Protection) Act, 1986 to restrain the promoter company from carrying out any further construction activity of the project till the environmental clearance under EIA notification dated 14.09.2006 is obtained.

However, the above mentioned recommendations are subject to the final order of the Hon'ble Supreme Court of India in matter of civil appeal no. 7191-7192/2015

as may be applicable to this project and decision of any competent authority to the extent applicable.

The case was considered by the SEIAA in its 120th meeting held on 16.03.2017, which was attended by the followings: -

- (i) Sh. Manjit Singh, Executive Engineer, Punjabi University, Patiala
- (ii) Sh. Sumitava Dutta, FAE, M/s CPTL, Chandigarh, Environmental Consultant of the University.

Sh. Manjeet Singh submitted an authority letter dated 15.03.2017 wherein he has been authorized by the Registrar of the university to commit, sign any document and present the case before SEIAA on 16.03.2017 regarding the application of environmental clearance for expansion of existing sites in University located on Chandigarh Patiala Road by Punjabi University, Patiala. The authority letter was taken on record by the SEIAA. Environmental Consultant of the promoter company stated that University has made some construction after July-2004. To a query of SEIAA regarding the year wise detail of the built up area after 2004, the project proponent submitted the details of construction carried out after 2004, which was taken on record by the SEIAA.

The SEIAA observed that substantial construction has been carried out after July-2004 almost every year and the built up area has increased from 1,79,865 to 2,89,106 sqm (1,09,241 sqm). Moreover, as reported by SEAC, the university is continuously violating the provisions of EIA Notification, even after the issuance of Show Cause Notice as construction work on fitness centre was under progress during visit to the premises by PPCB, Regional Office, Patiala on 03.01.2017. Thus, it is a case of violation of the provisions of EIA notification dated 14.09.2006.

The SEIAA further observed that Ministry of Environment, Forest and Climate change, New Delhi vide Notification No. S.O. 804(E) dated 14.03.2017 has laid down the procedure to deal with the violation cases and has made the following amendments in the EIA Notification, 2006: -

- a) In case the projects or activities requiring prior environmental clearance under Environment Impact Assessment Notification, 2006 from the concerned Regulatory Authority are brought for environmental clearance after starting the construction work, or have undertaken expansion, modernization, and change in product- mix without prior environmental clearance, these projects shall be treated as cases of violations and in such cases, even Category B projects which are granted environmental clearance by the State Environment Impact Assessment Authority constituted under sub-section (3) Section 3 of the

Environment (Protection) Act, 1986 shall be appraised for grant of environmental clearance only by the Expert Appraisal Committee and environmental clearance will be granted at the Central level.

- b) In cases of violation, action will be taken against the project proponent by the respective State or State Pollution Control Board under the provisions of section 19 of the Environment (Protection) Act, 1986 and further, no consent to operate or occupancy certificate will be issued till the project is granted the environmental clearance.
- c) The cases of violation will be appraised by respective sector Expert Appraisal Committees constituted under subsection (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 be run sustainably under compliance of environmental norms with adequate environmental safeguards; and in case, where the finding of the Expert Appraisal Committee is negative, closure of the project will be recommended along with other actions under the law.
- d) In case, where the findings of the Expert Appraisal Committee on point at sub-para (4) above are affirmative, the projects under this category will be prescribed the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan. Further, the Expert Appraisal Committee will prescribe a 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. 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 Environment (Protection) Act, 1986, or an environmental laboratory accredited by National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of a Council of Scientific and Industrial Research institution working in the field of environment.
- e) The Expert Appraisal Committee shall stipulate the implementation of Environmental Management Plan, comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefit derived due to violation as a condition of environmental clearance.
- f) The project proponent will be required to submit a bank guarantee equivalent to the amount of remediation plan and Natural and Community Resource Augmentation Plan with the State Pollution Control Board and the quantification will be recommended by Expert Appraisal Committee and finalized by Regulatory Authority and the bank guarantee shall be deposited prior to the grant of

environmental clearance and will be released after successful implementation of the remediation plan and Natural and Community Resource Augmentation Plan, and after the recommendation by regional office of the Ministry, Expert Appraisal Committee and approval of the Regulatory Authority.

The SEIAA observed that as per amendment at mentioned at (a) above, violation cases of even category "B" projects which are granted Environment Clearance by SEIAA are to appraised for grant of Environment Clearance only by the EAC and Environment Clearance is to be granted at Central level. As such, the present case also lies in the competency of 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 expansion of the existing University at Chandigarh- Patiala Road, Patiala developed by Punjabi University, Patiala, as there is no provision on the web portal (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 at the Central level as per the provisions of amended EIA Notification, 2006.
- (iii) The proceedings be also sent to the Punjab Pollution Control Board for taking necessary action as per the provisions of sub para (3) of the para 13 of the amended Notification dated 14.03.2017.

In compliance to the aforesaid decision taken by SEIAA, the following actions have been taken:-

- (i) The decision of SEIAA regarding rejection of the application has been conveyed to the project proponent vide letter no. 194 dated 21.03.2017.

- (ii) Project proponent has been informed vide letter no 195 dated 21.03.2017 to apply fresh application at the Central level as per the provisions of amended EIA Notification, 2006
- (iii) An excerpt of the item has been sent to the Member Secretary, Punjab Pollution Control Board vide letter no 196 dated 21.03.2017 for taking further necessary action as per the provisions of sub para (3) of the para 13 of the amended Notification dated 14.03.2017.

The status of the old proposal applied by the project proponent on the web portal of SEIAA is as under: -

Proposal No	File No	Proposal Name	Date of Submission for TOR	Online current status
SIA/PB/NCP/15739/2016	SEIAA/PB/AD/TOR/2016/34	Punjabi University	17 Nov 2016	Rejection Letter Granted

The Registrar, Punjabi University, Patiala has submitted an application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of educational institute namely " Punjabi University Patiala" located at at Chandigarh- Patiala Road, Patiala, Punjab. The project proponent submitted vide letter dated 08.06.2017 is as under:-

- 1) They had applied to SEIAA, for issuance of TOR under EIA Notification dated 14-09-2006 for expansion of the existing university at Chandigarh-Patiala Road, Patiala Punjab.
- 2) Their case was considered by SEAC in 154th meeting held on 03/01/2017 and by SEIAA in their 120th meeting held on 16/03/2017. The SEIAA observed, it is a case of violation of the provisions of EIA notification dated 14-09-2006.
- 3) The SEIAA also observed that as per amendment in notification vide No. S.O. 804(E) dated 14-03-2017, violation cases even of category "B" projects which are granted Environmental Clearance by SEIAA are to appraised for grant of Environmental Clearance only by the EAC and EC is to be granted at central level.
- 4) Accordingly, they had submitted the online application for issuance of TOR to MoEF for expansion of existing university at Chandigarh-Patiala Road, Patiala, Punjab.

The project proponent submitted that built up area has been increased without obtaining environmental clearance. Being a case of violation of the provisions of EIA notification dated 14.09.2006 and as per amendment notification vide No S.O. 804 (E)

dated 14-03-2017, project proponent has submitted online application vide proposal no. IA/PB/NCP/65352/2017 on 11/06/2017 to MOEF&CC, for issuance of TORs for obtaining Environmental Clearance for the project located at Chandigarh- Patiala Road, Patiala, Punjab.

It is further added here that, MoEF&CC 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 sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan 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.

Now, the MoEF&CC has transferred proposal no. IA/PB/NCP/65352/2017 dated 11/06/2017 to SEIAA vide proposal no. SIA/PB/NCP/23389/2018 on 03/04/2018 for appraisal of the project in compliance to the amended notification dated 08.03.2018. The brief summary of the project is as under:-

- The total cost of the project is Rs 127.85 Crores
- The details of the project is as under :-

Total Area : 316 Acres				
DESCRIPTION	EXISTING (m ²)		ADDITIONAL (m ²)	TOTAL (m ²)
	Before July 2004	After July 2004 to till date		
Built-up Area	179865	109241	72185	361291

- Total population of the University is about 22000.
- The domestic water demand is worked out using water requirements of 135 liters per day per person. The fresh water demand of University is about 1.63MLD, which is calculated as under:-

S. No.	Source	Population	@lpcd	Required KLD
1.	Hostler	6094	135	823
2.	Resident Staff			
3.	Day Scholar	15500	45	698
4.	Floating	1000	15	15
5.	Miscellaneous	Lump-sum		100
	TOTAL	22000		163

- No additional water required for expansion. The water consumption for the development works for the purpose of construction is expected to vary around 10m³/day.
- The total power requirement at the full occupation capacity and common utilities shall be about 6MW including 5% for contingencies. Punjab State Power Corporation Limited shall provide Power and standby Generators shall be provided to run emergency utilities like Water Supply, Sewage Treatment Plant and Lifts etc as well as power backup to the essential immunities. 15 no of DG Sets of capacity had already been provided

- About 1358 m³/day of waste water is generated. The project proponents already installed Sewage Treatment Plants of capacities 1.4 MLD. The partial treated water is being used for horticulture, plantation and on land for irrigation as per Karnal technology within the premises. Thus there is no pollution of water resources.
- The detail of disposal arrangement of waste water is as under :-

S.No.	Season		Total waste water at the outlet of STP	For Flushing purposes (KLD)	Green Area 6600 sqm (KLD)	Karnal Technology (KLD)
1.	Summer		1331	50	654	627
2.	Winter		1331	50	208	1073
3.	Rainy		1331	50	58	1223

- To compensate for withdrawal from groundwater, to some extent, roof top, roads/pavement, Green area rain water will be re- harvested. The potential available is 68537m³ /year
- There will be no other point source of Air pollution except the D.G. Sets which is noiseless type. Chimneys of suitable height have already been provided to control the G.L.C. of PM_{2.5}, PM₁₀, SO₂, & NO_x levels. Extensive tree plantations along the boundary wall have been resorted to for further improving the air environment in general and minimize noise levels
- The details of generation of solid waste and disposal are given as under:-

S. No.	CATEGORY OF WASTE		WASTE GENERATED	WASTE GENERATED (Kg)	MODE OF DISPOSAL
1.	Municipal Solid Waste	Residents	7000 @ 0.45 kg/capita/day	3150	Disposed off as per municipal solid waste rule 2016.
		Visitors	15000 @ 0.20 kg/capita/day	3000	
Total Quantity of Municipal Solid waste generated				6150	
COMPOSITION OF SOLID WASTE					
a	Bio-degradable (@55%)			3932	Sent to piggery farm.
b	Recyclable (@35%)			2502	Sale to authorized recyclers.

c	Inert/e-waste (@10%)		716	E-waste is being stored and disposed off as per E-waste rule 2016 and Inert waste will be sent to common dumping site.
2.	Other Solid Waste	(lawn, hedges & tree cuttings etc.)	200	Use as fuel
3.	Hazardous waste	(DG set Used oil, ltrs/annum)	1000	Given to authorized recyclers for final disposal

- Traffic has been kept one way through separate entry & exit in the main gates. Outside the university vehicles have not be allowed to be parked on the road along the boundary wall by putting up notices & posting of guards. The university has already provided parking area near main gate for outsider vehicles.
- The details of the documents submitted with the application are as under:

1.	Properly filled Form 1	Yes
2.	Proposed TORs	Submitted
3.	Proof of ownership of land	Submitted but not readable
4.	Conceptual Plan	Not submitted.
5.	Memorandum of Articles & Association and Names of person responsible for day to day affairs of the project.	Not submitted. However,an affidavit has been submitted by the Registrar
6.	List of accredited EIA consultant organization with accredited sector of NABET	Not Submitted

The case is placed before SEAC for consideration.

Item No. 167.15: Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion (Construction of Super Specialty Block) of existing Rajindra hospital Patiala located at Sangrur-Patiala Road Patiala, Punjab (Proposal no. SIA/PB/NCP/22981/2018)

The facts of the case are as under: -

Rajindra hospital, Patiala has applied for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion (Construction of Super Specialty Block) of existing hospital located at Sangrur-Patiala Road Patiala Punjab.

The project proponent submitted that they had applied to SEIAA for obtaining Environmental Clearance under EIA Notification dated 14-09-2006 for expansion of the existing Hospital at Sangrur-Patiala Road, Patiala, Punjab. The SEIAA observed, it is a case of violation of the provisions of EIA notification dated 14-09-2006 and as per amendment notification vide No S.O. 804 (E) dated 14-03-2017, violation cases even of category "B" projects which are granted Environmental Clearance by SEIAA, are to appraised for grant of Environmental Clearance only by the EAC and EC is to be granted at central level.

It is pertinent to mention here that no application has been received from Rajindra Hospital for expansion of the existing hospital located at Sangrur – Patiala Road, to the SEIAA so far.

Accordingly, they had submitted the online application vide proposal no. IA/PB/NCP/68281/2017 on 10/09/2017 issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion (Construction of Super Specialty Block) of existing Rajindra hospital Patiala located at Sangrur-Patiala Road Patiala Punjab.

It is further added here that, MoEF&CC 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 sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan 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.

Now, the MoEF&CC has transferred proposal no. IA/PB/NCP/68281/2017 dated 10.09.2017 to SEIAA vide proposal no. SIA/PB/NCP/22981/2018 on 28/03/2018 for appraisal of the project in compliance to the amended notification dated 08.03.2018. The brief summary of the project is as under: -

- Site is allotted for Hospital by Govt. of Punjab. No further change of land use is required.

- Total Cost of the project is Rs 103.61 Crores
- The detail of the area is as under:-

Total Area : 44.53 Acres			
DESCRIPTION	EXISTING	ADDITIONAL	TOTAL
Built-up Area	1,12,949	19850	1,32,799
Indoor Beds	1097	NIL	1097

- During the operation phase, the ultimate water requirement considering all planned developments is expected to be 1200 KLD. This includes water requirement for domestic purpose, water for landscape development etc. The details of water consumption & waste water generation are as under:

S. No.	Description	No. of Units	Population	Daily Water	Total water
1	Indoor Beds	1090	1090	450	490.50
2	Attendants	1090	1090	135	147.15
3	Non residential (Staff)	-	800	45	36.00
4	Kitchen	-	1000	70	70.00
5	Visitors	-	20000	15	300.00
6	Laundry	LS			50.00
7	Miscellaneous	LS			100.00
Total (KLD)					1193.65

- Total 950 KLD waste water will be generated out of which 300 KLD treated waste water will be utilized for gardening and remaining 650 KLD will be discharged in public sewer.
- There will be no other point source of Air pollution except the Existing D.G. Sets which are noiseless type. Chimneys of suitable height have been provided to control the G.L.C. of PM2.5, PM10, SO₂, & NO_x levels. Extensive tree plantations along the boundary wall have been resorted to for further improving the air environment in general and minimize noise levels
- To compensate for withdrawal from groundwater, to some extent, roof top, roads/pavement, Green area rain water will be re-harvested. The potential available is about 32007m³ per annum.

- Approximately, 5200 kg/day solid waste estimated to be generated from the project activity.
 - (i) (Bio-degradable : 1260Kg/day
 - (ii) Re-cycle able : 3120kg/day
 - (iii) Inert/e-waste : 820kg/day

Solid waste will be collected from designated locations and segregated into inorganic and organic wastes. Bio-Degradable wastes will be used as manure after treatment. Non-Bio degradable like papers, plastic, metals etc. has been sold to authorized recyclers for its safe disposal.
- Approx. 900 kg/day of biomedical waste generate during the operation phase of the project which will be sent to CBMWT site for final disposal after making proper segregation as per the BMW Rules
- Used oil from DG sets is being stored in HDPE drums in isolated covered facility. This used oil is sold to authorized recyclers. Suitable care is being taken so that spills/leaks of used oil from storage are avoided.
- E-waste will be sent to Govt. approved site for final disposal.
- Total Power requirement will be 6.0MW Source 11KV supply available from 132/11 KV grid substation. 4 DG Sets of 900KVA capacity has already been installed. Low sulphur diesel (HSD) will be used as fuel to run standby D.G. sets.
- The project proponent has proposed to provide the 381 KW solar power generation plant by using 10% roof top area.
- The details of the documents submitted with the application are as under:

1.	Properly filled Form 1	Yes
2.	Proposed TORs	submitted
3.	Proof of ownership of land	Not submitted
4.	Conceptual Plan	Not submitted
5.	Memorandum of Articles & Association and Names of person responsible for day to day affairs of the project.	Not submitted
6.	List of accredited EIA consultant organization with accredited sector of NABET	Not submitted

The case is placed before SEAC for consideration.

Item No.: 167.16 Application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of existing Bhatinda Depot/Terminal located at Bulk POL Terminal, Mansa Road, Phoos Mandi, Bhatinda by M/s Hindustan Petroleum Corporation Ltd. (Proposal no. SIA/PB/IND2 /23244/2018).

The facts of the case are as under: -

M/s Hindustan Petroleum Corporation Ltd has submitted an application for issuance of ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of existing Bhatinda Depot/Terminal located at Bulk POL Terminal, Mansa Road, Phoos Mandi, Bhatinda.

M/s Hindustan Petroleum Corporation Limited (HPCL) vide letter no 24/03/2018 submitted as under : -

- 1) They had established POL Terminal, Mansa Road, Phoos Mandi, Bhatinda in 1998 to supply petroleum products in the Bhatinda neighboring districts.
- 2) As per Govt. of India (GOI) national policy on Biofuels, GOI proposed with a target of 20% blending of Biofuels (Ethanol & Biodiesel) by 2017. HPCL has required to create facility for Ethanol blending in MS.
- 3) They have already constructed the 2 nos. of additional underground tanks for the storage of 2x180 KL(Ethanol) at HPCL Bhatinda POL Terminal, Mansa Road, Phoos Mandi, Bhatinda district, Punjab state. They have already obtained consent to establish vide certificate No.CTE/Ext/BTI/2017/6179252 from PPCB on dated 09/11/2017. These two new underground tanks have been already constructed but, are not operational.
- 4) Project proponent submitted that violations of Environment (Protection) Act. will not be repeated and requested to grant the Environment Clearance

It is further added here that, MoEF&CC 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 sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan 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 project proponent submitted that it is a case of violation of the provisions of EIA notification dated 14.09.2006 and as per amendment notification vide No S.O. 804 (E) dated 14-03-2017, they have submitted the online application vide proposal no. SIA/PB/IND2/23244/2018 on 31/03/2018 to SEIAA for issuance of TORs for obtaining Environmental Clearance for expansion of existing Bhatinda Depot/Terminal located at Bulk POL Terminal, Mansa Road, Phoos Mandi, Bhatinda, Punjab. The brief summary of the project is as under: -

- M/s HPCL has an existing installation at Industrial Retails POL Depot, in the city of Bathinda, Punjab for the purpose of receipt, storage and dispatch of petroleum

products (POL) such as MS, SKO, HSD to the neighboring districts of Bhatinda, Amritsar and Jalandhar. The Terminal is receiving the petroleum products (MS, SKO and HSD) through Raman Mandi to Bathinda pipeline and ethanol by Road Trucks.

➤ EXISTING FACILITIES

- (i) The total area of the depot is 31.375 Acres (126970.12 m²) out of which, existing marketing facilities constructed over 27 acres of land and remaining 4 acres of land is vacant and thus available for future expansion. The area details of the existing facility and the additional facilities are given in Table below:-

S.No.	Description	Area, sqm (Tentative)	% of Total
1)	Storage tank farm area (existing)	15685.5	12.35
2)	Storage tank farm area	110.1	0.09
3)	Utility area (FE/PH,PH)	440	0.35
4)	Administrative Building	838	0.66
5)	Building Blocks	1671.01	1.32
6)	Parking	2733.88	2.15
7)	Roads	5000	39.38
8)	Green belt area	40000.46	31.50
9)	Fire water storage area	1749.36	1.38
10)	Misc. (TLF shed, other shed scrap yard, lube oil, pipeline manifold area calibration tower etc.)	3688.84	2.91
11)	Other vacant area	10053	7.92
Total		126970.12	100.00

- (ii) The depot facilitates receipt, storage & dispatch of various petroleum products like MS, HSD, SKO and Ethanol as well as products like Speed Grade MS and HSD to & from Bulk Pol Terminal, Mansa Road, Phoos Mandi, Bathinda, adjoining districts of Bhatinda, Punjab.

- (iii) The details of the existing storage facilities as follow:

Compound /	Tank No	Type Floating / Fixed)	Size (Dia. x Ht.) in Mts	Storage pressure (Kg/Cm ² g)	Safe Filling Capacity KL	Storage Temp.	Class
HSD	TK-1	CR	24x14	Atm.	6000	Atm.	B
HSD	TK-2	CR	24x14	Atm.	6000	Atm.	B
HSD	TK-12	CR	22.5x14	Atm.	5000	Atm.	B

HSD	TK-13	CR	22.5x14	Atm.	5000	Atm.	B
HSD	TK-16	FR	24x15	Atm.	6000	Atm.	B
HSD	TK-9	UG	3x10.4		70		B
SKO	TK-3	CR	12x10	Atm.	1000	Atm.	B
SKO	TK-4	CR	12x10	Atm.	1000	Atm.	B
SKO	TK-8	UG	3x10.4	..	70	..	B
MS	TK-5	IFR	12x10.5	Atm.	1000	Atm.	A
MS	TK-6	IFR	12x10.5	Atm.	1000	Atm.	A
MS	TK-17	IFR	15x12	Atm.	1700	Atm.	A
MS	TK-18	IFR	15x12	Atm.	1700	Atm.	A
MS	TK-7	UG	3x10.4	..	70	..	A
Ethanol	TK-14	UG	3.4x10.4	..	90	..	A
Ethanol	TK-15	UG	3x10.4	..	70	..	A
INTERFASE	TK-19	FR	10x9	Atm.	500	Atm.	A
SLOP	TK-20	FR	10x10	Atm.	500	Atm.	A
UG Sump	NA	UG	2.2x6.30	..	22	..	A
UG Sump Tank-2	NA	UG	2.2x6.30	..	22	..	A

Note: Ethanol TK-15 (UG) will be converted into Biodiesel for the same capacity 70 KL

The Terminal is provided with the following utilities:

- Receipt, storage and distribution network of water for general use and firefighting purpose
 - HT electrical power for the Depot operation and lighting
 - DG sets as stand-by power supply source (02 x 500 KVA+01x160+01x200 KVA)
 - Other infrastructures such as storm water drain, Oil Water Drain and Oil Water Separators, like ETP.
- The expansion is planned within the existing plant boundary hence change in land use, land cover or topography is not expected.
 - The total cost of the project is approx. Rs118.4 lakhs
 - Project Proposal

Currently Ethanol is being blended in MS (Petrol) in various ratios from 10 to 20% as per GOI directives. The demand of petroleum products is increasing in the command area of Bathinda Depot/Terminal and as per assessment; the existing storage of ethanol is not inadequate to fulfill the requirement. Also as per Government of India (GOI) Policy Bio-Diesel has to be blended in HSD

(Diesel) in future in various ratios from 5 to 10% in a phased manner. Blending of Bio- Diesel in Diesel and Ethanol in MS will help in reduction of Green House Gases (GHG Emission) as Bio-Diesel/ Ethanol are Bio-Fuels and are derived from plant sources;. Therefore, it will reduce our dependence on convention fuels. Hence, HPCL proposes to augment the existing facilities for receipt, storage & dispatch. The proposal relates to environment clearance for constructed two nos. of additional underground tanks for storage 360 KL (Ethanol 2x180 KL) at HPCL, Bathinda Depot.

Now, these two new tanks already constructed but they are not operational. The details of existing two additional U/G new storage tank is as under:

Compound / material	Tank No.	Type Floating / Fixed)	Size (dia. x ht) In	Safe Filling Capacity KL	Class
*Ethanol	TK-25	UG	4.2x15	180	A
*Ethanol	TK-26	UG	4.2x15	180	A

One Existing Ethanol Tank with Tank No. TK-15 (UG) will be converted into Biodiesel for the purpose of storage of same capacity 70 KL. This Depot at present has total storage capacity of approximately 36814 KL of petroleum products. After the constructed of the new two tanks of 360 KL (Ethanol 2x180 KL), The storage capacity of the HPCL, Bathinda depot has become 37174 KL.

- The water requirement is met through Bore well. The existing unit has 3 nos. of water storage capacity of 6200KL (1x2800KL+2x1700KL) at fire-fighting station. Approximate additional requirement of water is 2.5 KLD which is met from existing facility. Bathinda Terminal has consent for water consumption (25 KLD) in process, cooling, domestic and others purpose.
- Power during operational phase will be supplied through the DG sets of (02 x 500 KVA+01x160+01x200 KVA) capacity.
- Peak water consumption for the terminal is domestic water and total wastewater generation through domestic activity is 2 KLD. There will be no generation of industrial effluent. Domestic wastewater will be disposed off in soak pit through septic tank.
- Currently, Terminal is managed by 16 Management staff and 70 Non-Management staff. Around ~38 workers are on contractual basis. While, local

skilled and semi-skilled workers will be engaged in operation, washing, transportation and delivery of Ethanol cylinder during operational phase.

➤ The details of the documents submitted with the application are as under:

1.	Properly filled Form 1,PFR	Yes
2.	Proposed TORs	Submitted
3.	Proof of ownership of land	Not submitted
4.	Conceptual Plan	submitted
5.	Memorandum of Articles & Association and Names of person responsible for day to day affairs of the project.	Not submitted
6.	List of accredited EIA consultant organization with accredited sector of NABET	Submitted

The case is placed before SEAC for consideration.

Item No.167.17: Application for obtaining environmental clearance under EIA Notification dated 14.09.2006 for establishment of group housing project namely "Ubber Mews Gate" located at Khanpur, Kharar, SAS Nagar by M/s Ubber Reality, (Proposal No. SIA/PB/NCP/71296/2017)

The facts of the case are as under:-

M/s Ubber Reality has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of a group housing project namely Ubber Mews Gate located at Khanpur, Kharar, SAS Nagar. 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 14.12.2017 to send the construction status of the project site. Environmental Engineer, PPCB, RO, Mohali vide letter no. 5770 dated 19.12.2017 has reported as under:-

The proposed site of the project was visited by AEE on 15.12.2017 and Sh. Ranjit Singh, representative of the promoter company was contacted. During the visit, it was observed as under:

1. The proposed site of the promoter company is located on Kharar-Kurali Road, Kharar, SAS Nagar. As per the boundaries of the proposed site shown by the representative of the promoter company, the project is near the Kharar-Kurali road on one side, Jamuna Apartments on second side and a closed unit namely Kharar Textile Mills on the remaining two sides.
2. The promoter company has constructed boundary wall only on two sides and is yet to construct boundary wall on remaining two sides.
3. There is no air polluting industry located within a radius of 500 m from the site of the project. However, there an closed unit namely Kharar Textile Mills located adjoining to the site of the project.
4. The promoter company was in the process of construction of a structure on the front side of the project and also, some excavation work has also been done on the front side. The representative of the promoter company informed that the said area in which construction and excavation has been done is not a part of the main project and is commercial area, which is a separate project. Further, a mobile office has also been established in the said area.



Construction work of a structure and a mobile office installed at the front side of the project.

Following were present on behalf of the project proponent in the 161st meeting of SEAC held on 16.01.2018:

- (i) Sh. Ranjit Singh, Liaison Officer, Promoter Company
- (ii) Sh. Sital Singh, CEO, M/s CPTL, Chandigarh, Environment consultant of the promoter company.
- (iii) Sh. Sumitava Dutta, FAE, M/s CPTL, Chandigarh, Environment consultant of the promoter company.

Sh. Ranjit Singh submitted an authority letter wherein he alongwith Sh. Deepak Gupta, Environmental Advisor have been authorized by Sh. Harjinder Singh,

Authorized Signatory of the Promoter Company to attend the meeting of SEAC on 16.01.2018. The same was taken on record by the SEAC.

From the perusal of visit report sent by PPCB, RO, Mohali, the SEAC observed that the project proponent has already started the construction work at site in violation of EIA notification, 2006. To this observation of SEAC, the representative of the promoter company informed that the said area in which construction and excavation has been done, is not a part of the main project but is an independent commercial project.

After detailed deliberation, the SEAC decided that the project proponent will submit documentary evidence to prove his contention which will be verified by the concerned Regional Officer of PPCB in Mohali who had sent the earlier report so as to take further action in the matter. The officer should send a clear cut report categorically stating as to whether it is a case of violation of EIA notification 2006 or not.

The project proponent vide letter no.135 dated 30.01.2018 was requested to submit documentary evidence to prove his contention which will be verified by the concerned Regional Officer of PPCB in Mohali who had sent the earlier report so as to take further action in the matter. The copy of the same letter was endorsed to Environmental Engineer, PPCB, Regional Office, Mohali to send a clear cut report categorically stating as to whether it is a case of violation of EIA notification 2006 or not.

Environmental Engineer, PPCB, RO, Mohali vide its email dated 13.02.2018 reported as under:-

"It is intimated that the promoter company has submitted a copy of some receipts dated 08.02.2018 (which has been taken on record by the SEAC) of proposed SCO plans, issued by the Municipal Council, Kharar as documentary evidence in this Office. The said receipts are in the name of different project proponents/ persons, i.e. Sh. Amit Kumar, M/s Ubber buildtech and M/s Rajdhani projects. Sh. Deepak Gupta, Environmental Consultant of the promoter company was contacted telephonically, and he informed that these receipts are for the payment made to the MC, Kharar, for approval of the layout plans of the SCOs which are to be constructed in front of the project namely Ubber Mews Gate located at Khanpur, Kharar. He further intimated that the said showrooms (SCOs) are got approved individually by their respective owners from the MC, Kharar and the same are not a part of the main project and is a separate commercial area. However, the promoter company has not submitted any approved layout plans/ site plans of either the main project or the said commercial area.

The matter was also discussed with Sh. Rajbir Singh, SDO, MC, Kharar, telephonically (#9872700075) and he informed that the above mentioned commercial area is separate from main project "Ubber Mews Gate" and the layout plans of individual SCOs are approved separately by the Municipal Council, Kharar."

From the perusal of the report of Environmental Engineer, PPCB, RO, Mohali, the SEAC in its 162nd meeting observed that the above mentioned commercial area is separate from the main project "Ubber Mews Gate". The SEAC further observed that the project proponent has submitted a copy of layout plan wherein boundary of the residential project as well as the boundary of the commercial project has been marked with different colors & the commercial project is not a part of the residential project for which the environmental clearance has been applied and the layout plan has been duly signed by the project proponent. SEAC allowed the project proponent to present the salient features of the project.

Following were present on behalf of the project proponent in the 162nd meeting of SEAC held on 15.02.2018:

- (i) Sh. Ranjit Singh, Laision Officer, Promoter Company
- (ii) Sh. Sumitava Dutta, FAE, M/s CPTL, Chandigarh, Environment consultant of the promoter company.

Sh. Sumitava Dutta presented the salient features of the project as under:-

Sr.no.	(i) Project Details	
1.	Type of Project	Group Housing
2.	Category	8 (a)
3.	Total Project land Area	21317 sqm
4.	Built-up Area	46622 sqm
5.	No. of Flats / Shops	431 flats
6.	Population	2155 Persons

- The area of the site has been earmarked as residential area in Master Plan.
- The maximum total water requirement will be 309 KLD which includes domestic water demand@ 291 KLD (@200 lpcd) and green area demand@18 KLD. The fresh water requirement at the max will be 194 KLD which will be met through own tubewell and remaining 97 KLD will be met through recycling of treated wastewater. The treated waste water from STP of MC Kharar will be used during construction stage of the project.

- The total wastewater generation from the project will be 233 KLD, which will be treated in an STP of capacity 350 KLD (keeping in view of the quantity of wet weather flow). The STP will be designed on SBR technology. The treated waste water @233 KLD will be used in three different seasons as under:

Season	Reuse for flushing (KLD)	For green area (KLD)	Discharge into MC sewer (KLD)
Summer	97	18	118
Winter	97	8	128
Rainy	97	5	131

- The position of Municipal sewer is at a distance of 173 mtr from project site and the same has been marked on the layout plan. The project proponent has submitted letter no. 1195 dated 17/11/2017 issued by EO, MC, Kharar wherein it has been mentioned that sewer facility of MC Kharar is not available in the vicinity of site. However, to implement the project scheme of 100 % water supply & sewerage disposal in the jurisdiction of MC Kharar, the project is under progress. After the sewer is laid in the vicinity of the project, the firm can connect its 335 KLD treated waste water line with Municipal sewer.
- About 3208 sqm area will be developed as green area at site. Only herbal pesticides will be used for gardening purposes and usage of chemicals will be avoided. Ornamental trees with spreading branches and shade shall be planted in parks.
- For ground water monitoring, two number ground water samples were collected i.e. one from depth of 290 ft (deep aquifer) and the other from depth of 80 ft (shallow aquifer). Analysis reports of the samples revealed that concentration of different parameters are within the permissible limits as prescribed in the IS: 10500.
- The ambient air quality monitoring at the project site reveals that the concentration of different parameters in ambient air are within the permissible limits as prescribed in the NAAQM. The noise levels during noise level monitoring carried out at site during day time and night time are within the permissible limits.
- The total quantity of solid waste generation will be 862 kg/day (400 gm/capita/day). Solid waste will be collected separately as biodegradable and

Non-biodegradable waste as per the MSW Rules, 2016. Chute system will be provided to transfer the segregated solid waste from different floors. Biodegradable waste will be composted through Mechanical Composter. The non-biodegradable waste & Recyclable waste will be sold to authorized vendors. Inert waste will be sent to Municipal dumping site. The project proponent has submitted letter no. 1194 dated 17/11/2017 issued by EO, MC, Kharar wherein it has been mentioned that solid waste generated will be collected by MC, Zirakpur on depositing the requisite charges as framed by Deptt. of Local Bodies, Govt. of Punjab.

- The total load of electricity required for the project will be 2300 KW which will be taken from the PSPCL. There is a proposal to install 3 nos. silent DG Sets (1x 500 KVA, 1x 240KVA & 1x 125 KVA) as stand-by arrangement. Used oil to be generated from the DG sets will be stored in HDPE tanks and sold to the authorized recyclers.
- Total collection of rain water in a year has been estimated as 10301 cum/yr over an area of 21317 sqm (includes roof top@ 7748 sqm, green area@3208 sqm & roads & paved area @10361 sqm) by taking annual rainfall @770 mm and 334 cum/yr by taking peak rain fall @50 mm in one hour. Accordingly, six number of rain water harvesting pits (with infiltration rate of 10 lps each) have been proposed to recharge the rain water as per norms of CGWA.
- Storm Water drainage system & collection system, screening at the inlet, Oil & Grease Trap-cum-desilting chamber, filtration chamber & shallow impoundment will be provided for managing storm water other than roof top. The recharge well casing will be capped from the top so as to prevent direct overflow of storm water into the recharge well. The storm water other than roof top, which will be available, has been estimated as 170 m³ by taking rainfall intensity as 100 mm in two days with run off coefficient as 0.2 & area @40% of total site area. Shallow unlined surface impoundments (with graded gravel packing allowing for natural gravity seepage) capable of storing 225 m³ of water will be provided.
- Solar energy will be used for street lights as well as in the parks in phased manner. LED lamps and energy efficient electrical gadgets shall be used. As per the energy saving detail, using 10 solar lights, 300 LED bulbs in common area & solar water heaters of 500ltr, total energy saved per day will be 207 KWh per day. 30% of the total roof top area i.e. 2324 sqm will be used for generation of solar power@ 232

KW.

- Partner of the company will be responsible for implementation of EMP till the handing over of the project to MC or association of residents.
- For implementation of EMP, Rs. 79.5 lacs as capital cost, Rs. 6.5 lacs as recurring cost & Rs. 5.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred in construction phase whereas in operation phase, Rs. 10.5 lacs as recurring cost, Rs. 6.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred.
- Rs. 10 lacs shall be spent for providing open GYM in park in Khanpur, Kharar as a part of CSR activity. The Partner of the company will be responsible for its implementation

After detailed deliberations, the SEAC observed that the project proponent has proposed to take adequate and satisfactory measures for the control of environmental degradation and also has given satisfactory clarifications to the observations raised by the SEAC. Therefore, the Committee awarded 'Silver Grading' to the project proposal and decided that case be forwarded to SEIAA with the recommendations to grant environmental clearance for establishment of a group housing project namely Ubber Mews Gate in a total plot area of 21317 sqm having total built up area as 46622 sqm located at Khanpur, Kharar, SAS Nagar Mohali, subject to the following conditions: -

PART-A – Conditions common for all the three phases i.e. Pre-Construction Phase, Construction Phase and Operation Phase & Entire Life:

- (ii) Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days of the grant of Environmental Clearance to the project, as prescribed under Section 16 of the National Green Tribunal Act, 2010.
- (iii) A first aid room will be provided in the project both during construction and operation phase of the project.
- (iv) Construction of the STP, solid waste, e-waste, hazardous waste, storage facilities, tubewell, DG Sets, Utilities etc shall be provided in the areas earmarked by the project proponent on the layout plan. In any case the position/location of these utilities should not be changed later-on without prior written permission.
- (v) The environmental safeguards contained in the application of the promoter / mentioned during the presentation before the State Level Environment Impact Assessment Authority/State Expert Appraisal Committee shall be implemented in letter and spirit.
- (vi) Ambient air & noise levels should conform to the prescribed standards both during

the day as well as the night time. Incremental pollution loads on the ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the Ministry of Environment, Forests & Climate Change guidelines and all the mitigation measures should be taken to bring down the levels within the prescribed standards.

- (vii) All other statutory clearances such as the approvals for the storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained by project proponents from the competent authorities including Punjab Pollution Control Board and from other statutory bodies as applicable.
- (viii) The State Environment Impact Assessment Authority, Punjab reserves the right to add additional safeguards/measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguards/ measures in a time bound and satisfactory manner.
- (ix) A proper record showing compliance of all the conditions of environmental clearance shall be maintained and made available at site at all the times.
- (x) The project proponent shall also submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms & conditions including results of monitored data (both in hard & soft copies) to the respective Regional office of MoEF, the Zonal Office of CPCB, the SPCB and SEIAA, Punjab on 1st June and 1st December of each calendar year.
- (xi) Officials from the Regional Office of Ministry of Environment & Forests, Chandigarh / State Level Environment Impact Assessment Authority / State Level Expert Appraisal Committee / Punjab Pollution Control Board who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A complete set of all the documents submitted to State Environment Impact Assessment Authority should be forwarded to the APCCF, Regional Office of Ministry of Environment & Forests, Chandigarh.
- (xii) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority, Punjab.
- (xiii) Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project and decisions of any Competent Court, to the extent applicable.
- (xiv) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, SEIAA, Punjab the respective Zonal Office of CPCB and the SPCB. The pollutant levels for all the parameters of NAAQM standards shall be monitored and displayed at a convenient location near the main gate of the company in the public

domain.

- (xv) The inlet and outlet point of natural drain system should be maintained with adequate size of channel for ensuring unrestricted flow of water. The unpaved area shall be more than or equal to 20% of the recreational open spaces.
- (xvi) Environmental Management Cell shall be formed which will supervise and monitor the environment related aspects of the project.
- (xvii) The plantation should be provided as per SEIAA guidelines and as per notification dated 09.12.2016 issued by MoEF&CC, New Delhi.
- (xviii) The project proponent shall not use any chemical fertilizer /pesticides/insecticides and shall use only Herbal pesticides/insecticides and organic manure in the green areas.

PART-B – Specific Conditions:

(I) Pre-Construction Phase

- (i) "Consent to establish" shall be obtained from Punjab Pollution Control Board under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974 and a copy of the same shall be submitted to the Ministry of Environment & Forests / State Level Environment Impact Assessment Authority before the start of any construction work at site.
- (ii) All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- (iii) The approval of competent authority shall be obtained for structural safety of the buildings due to earthquakes, adequacy of firefighting equipment's etc. as per National Building Code including protection measures from lightning.
- (iv) Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, disposal of waste water & solid waste in an environmentally sound manner, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

(II) Construction Phase:

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

- material must be secured, so that they should not leach into the groundwater.
- iv) Vehicles hired for bringing construction material to the site and other machinery to be used during construction should be in good condition and should conform to applicable air emission standards.
 - v) The project proponent shall use only treated sewage/wastewater for construction activities and no fresh water for this purpose will be used. A proper record in this regard should be maintained and available at site.
 - vi) Fly ash based construction material should be used in the construction as per the provisions of Fly Ash Notification of September, 1999 and as amended on August, 2003 and notification No. S.O. 2804 (E) dated 03.11.2009.
 - vii) Water demand during construction should be reduced by use of ready mixed concrete, curing agents and other best practices.
 - viii) Adequate treatment facility for drinking water shall be provided, if required.
 - ix) The project proponent shall provide electromagnetic flow meter at the outlet of the water supply, outlet of the STP and any pipeline to be used for re-using the treated wastewater back into the system for flushing and for horticulture purpose/green etc.
 - x) The project proponent will provide dual plumbing system for reuse of treated wastewater for flushing/ HVAC purposes etc. and color coding of different pipe lines carrying water/wastewater/ treated wastewater as follows:
 - a) Fresh water : Blue
 - b) Untreated wastewater : Black
 - c) Treated wastewater : Green
(for reuse)
 - d) Treated wastewater : Yellow
(for discharge)
 - e) Storm water : Orange
 - xi) Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
 - xii) Separation of drinking water supply and treated sewage supply should be done by the use of different colors.
 - xiii) **(a)** Adequate steps shall be taken to conserve energy by limiting the use of glass, provision of proper thermal insulation and taking measures as prescribed under the Energy Conservation Building Code and National Building Code, 2005 on Energy conservation.
(b) Solar power plant will be installed by utilizing at least 30% of the open roof top area in the premises for utilizing maximum solar energy. Also, LED lights shall be provided as proposed for illumination of common areas instead of CFL lights or any other conventional lights/ bulbs.
 - xiv) The diesel generator sets to be used during construction phase should conform to the provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986.
 - xv) Chute system, separate wet & dry bins at ground level and for common areas for

facilitating segregation of waste, collection centre and mechanical composter (with a minimum capacity of 0.3kg/tenement/day) shall be provided for proper collection, handling, storage, segregation, treatment and disposal of solid waste. The project proponent shall comply with the provisions of Solid Waste Management Rules, 2016.

- xvi) The recharge well casing should be capped from the top so as to prevent direct overflow of storm water into the recharge well. The infiltration rate of recharge structure should be adopted @ 10 lps and recharge wells should be provided accordingly. Rainwater harvesting plan shall be designed where the re-charge bores (minimum one per 5000 sqm of built up area) shall be provided. Recharging wells for roof top run-off shall have provision of adequate treatment for removing suspended matter etc. before recharging as per the CGWA guidelines. Run-off from areas other than roof top such as green areas and roads/pavement etc. may also be recharged but only after providing adequate treatment to remove suspended matter, oil & grease etc. and ensuring that rainwater being recharged from these areas is not contaminated with pesticides, insecticides, chemical fertilizer etc.
- xvii) The project proponent should fence the storage tank properly and in addition to this, the boundary wall shall be constructed at last stage or at least 2 ft high openings in the boundary wall be provided at ground level to allow adequate passage to the surface run off during construction phase.
- xviii) Green belt of adequate width as proposed shall be provided so as to achieve attenuation factor conforming to the day & night standards prescribed for residential land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. A minimum of one broad leave tree for every 80 sqm of land shall be planted and maintained. The existing trees may be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of three trees for every one tree that is cut) shall be done with the obligation to continue maintenance.

Operation Phase and Entire Life

- (i) "Consent to operate" shall be obtained from Punjab Pollution Control Board under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974 and a copy of the same shall be submitted to the Ministry of Environment & Forests / State Level Environment Impact Assessment Authority at the time of start of operation.
- (ii) The maximum total water requirement will be 309 KLD which includes domestic water demand@291 KLD and green area demand@18 KLD. The fresh water requirement at the max will be 194 KLD which will be met through own tubewell and remaining 97 KLD will be met through recycling of treated wastewater for flushing purposes. The treated waste water from STP of MC Kharar will be used during construction stage of the project.
- (iii) a) The total wastewater generation from the project will be 233 KLD, which will be treated in a STP (based on SBR technology) of capacity 350 KLD (keeping in

view of the quantity of the wet weather flow). As proposed, reuse of treated wastewater and discharge of surplus treated wastewater@233 KLD shall be as below:

Season	Reuse for flushing (KLD)	For green area (KLD)	Discharge into MC sewer (KLD)
Summer	97	18	118
Winter	97	8	128
Rainy	97	5	131

- 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. Only, the surplus treated wastewater shall be discharged into sewer after maintaining the proper record.
- (iv) The project proponent shall ensure safe drinking water supply to the habitants.
 - (v) The wastewater generated from swimming pool(s) if provided shall not be discharged and the same shall be reused within the premises for purposes such as horticulture, HVAC etc.
 - (vi) A proper record regarding groundwater abstraction, water consumption, its reuse and disposal shall be maintained on daily basis and shall maintain a record of readings of each such meter on daily basis.
 - (vii) Rainwater harvesting/recharging systems shall be operated and maintained properly as per CGWA guidelines. Storm water other than roof top area will be treated before recharging.
 - (viii) The facilities provided for collection, segregation, handling, on site storage & processing of solid waste such as chute system, wet & dry bins, collection centre & mechanical composter etc. shall be properly maintained. The collected solid waste shall be segregated at site. The recyclable solid waste shall be sold out to the authorized vendors for which a written tie-up must be done with the authorized recyclers. Organic waste shall be composted by mechanical composters with a minimum capacity of 0.3kg/tenement/day and the inert solid waste shall be sent to the concerned collection centre of integrated municipal solid waste management facility of the area. A proper record in this regard shall be maintained.
 - (ix) Hazardous waste/E-waste should be disposed off as per Rules applicable and with the necessary approval of the Punjab Pollution Control Board.
 - (x) 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.
 - (xi) 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.

- (xii) 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.
- (xiii) Solar power plant and other solar energy related equipment's shall be operated and maintained properly.
- (xiv) A report on the energy conservation measures conforming to energy conservation norms should be prepared incorporating details about machinery of air conditioning, lifts, lighting, building materials, R & U Factors etc. and submitted to the respective Regional office of MoEF, the Zonal Office of CPCB and the SPCB/SEIAA in three months' time.

PARTC – General Conditions :

I. Pre-Construction Phase

- 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.
- ii) The project proponent shall advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Punjab Pollution Control Board. The advertisement should be made within seven days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office, Ministry of Environment & Forests, Chandigarh and SEIAA, Punjab.
- iii) The project proponent shall obtain permission from the CGWA for abstraction of groundwater & digging of bore well(s) and shall not abstract any groundwater without prior written permission of the CGWA, even if any bore well(s) exist at site.
- iv) The project proponent shall obtain CLU from the competent authority.
- v) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban local body and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.

II. Construction Phase

- i) The project proponent shall adhere to the commitments made in the Environment Management Plan for the construction phase and Corporate Social Responsibility and shall spend minimum amount of Rs.79.5 lacs towards capital investment and Rs. 10 lacs towards CSR activities as proposed in addition to the amount to be spent under the provisions of the Companies Act 1956.

III. Operation Phase and Entire Life

- i) **a)** 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. The project proponent shall spend minimum amount of Rs. 6.90 lacs/annum as recurring expenditure as proposed in the EMP.

- b)** The project proponent shall adhere to the commitments made in the proposal for CSR activities and shall spend a minimum amount of Rs.10 lacs for providing open GYM in park in Khanpur, Kharar.
- ii) The diesel generator sets to be provided shall conform to the provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986. The exhaust pipe of DG set if installed must be minimum 10 m away from the building or in case it is less than 10 m away, the exhaust pipe shall be taken upto 3 m above the building.

The case was considered by the SEIAA in its 128th meeting held on 06.03.2018, which was attended by the following on behalf of the project proponent:

- (i) Sh. Ranjit Singh, Laision Officer, Promoter Company
- (ii) Sh. Sumitava Dutta, FAE, M/s CPTL, Chandigarh, Environment consultant of the promoter company.

Before allowing the project proponent to present the salient features of the project, the SEIAA perused the report of Environmental Engineer, PPCB, RO, Mohali received through email dated 13.02.2018. The SEIAA observed that Environmental Engineer, Punjab Pollution Control Board, Regional Office, Mohali has based his report purely on the telephonic conversation with the Environment Advisor of project proponent and SDO of M.C. Kharar. The documentary proof submitted by project proponent, copies of receipts of M.C., are of dated 08.02.2018 i.e. after the visit of Environmental Engineer, Punjab Pollution Control Board and also after the issue of letter dated 30.01.2018 to project proponent by SEAC.

After detailed deliberations, the SEIAA decided to remand the case to SEAC for reviewing this issue again on the basis of concrete documentary evidence, if any submitted by project proponent.

The case was considered by the SEAC in its 164th meeting held on 10.04.2018, which was attended by the following on behalf of the project proponent:

- (i) Sh. Ranjit Singh, Laision Officer, Promoter Company

- (ii) Sh. Sumitava Dutta, FAE, M/s CPTL, Chandigarh, Environment consultant of the promoter company.

The SEAC queried to the project proponent to submit all the documents to support his contention that commercial project is not a part of the total project. In reply to this query project proponent has submitted the following documents, which were taken on record by the SEAC: -

1. A request letter mentioning that they have applied for environmental clearance for group housing project namely Ubbet Mews Gate at Kharar and the layout plan submitted is having 21317 sqm land area. In the said layout plan, some area is shown as area for commercial project due to some misprinting in the plan. Revised plan has been submitted but area of the land remains same. The commercial project is not the part of the project for which they have applied for environmental clearance. No construction has been carried out at the area for which they have applied for obtaining environmental clearance.
2. A copy of CLU granted by the competent authority vide letter no 3726 dated 20/02/2018 for the group housing project for land area of 21317 Sqm has been submitted.
3. Copies of the receipts dated 13.01.2017 of the amount deposited to the Nagar Council Kharar for regularization of commercial project consisting of 20 showrooms under the policy of the regularization of unauthorized colonies/ plots of Government of Punjab have been submitted.

After deliberations, SEAC decided to constitute a sub-committee of the following SEAC members:-

- 1) Dr. V.K. Singhal
- 2) Dr. Sandeep Singh Viridi

The sub-committee shall examine the documents submitted by the project proponent, may visit the project site, if felt necessary and ask for additional documents/any other information from the project proponent or any other relevant authority to decide as to whether commercial project is a part of proposed group housing project for which EC has been applied or not. The sub-committee shall submit its report with recommendation within 15 days and thereafter, the case be placed in the meeting of SEAC.

SEAC Members (Dr. VK Singhal & Sh. Sandeep Viridi) were requested vide letter No. 553-54 dated 23.04.2018 to visit the project and submit the project report.

The said members of the SEAC have visited the project on 05.05.2018 and has sent the visit report through email dated 15.05.2018, which is attached as **Annexure-A**.

The case is placed before SEAC for consideration.

Annexure-A

Regarding Group Housing Project namely Ubber Mews Gate, located at Khanpur, Kharar, SAS Nagar, Mohali, Punjab, by M/s Ubber Reality, SCO-1, VIP Enclave, Habitpur Road, Sector 5, Sadde Majra, Dera Bassi, Punjab (Proposal No. SIA/PB/NCP/71296/2017)

This is with respect to the Group Housing Project namely Ubber Mews Gate, located at Khanpur, Kharar, SAS Nagar, Mohali, Punjab, by M/s Ubber Reality, SCO-1, VIP Enclave, Habitpur Road, Sector 5, Sadde Majra, Dera Bassi, Punjab, wherein the Project proponent was required to clarify and support his contention that a particular commercial project was not part of the total project.

The SEAC in its meeting decided [vide its **letter no. SEAC/2018/553-554 dated 23-04-2018 (sent via e-mail)**] that a team comprising of SEAC members, **Dr V. K. Singhal and Dr Sandeep Singh Virdi**, will visit the project site and examine the documents and decide whether the commercial project is a part of the proposed group housing project or not (Project for which the EC has been applied)

Accordingly, Dr V. K. Singhal, Member, SEAC and Dr Sandeep Singh Virdi, Member, SEAC, visited the site on 5th May 2018. The following are the details of the visit:

VISIT OBSERVATIONS

1. The team observed that the said commercial area is not a part of the project for which Environmental Clearance has been applied. This was confirmed by manually measuring the dimensions of the total land area **(21,317 sq. m.)** and comparing it with the site plan. There was no construction by the PP on the said land.
2. The commercial area in contention is separate from the Group Housing land area and has 40 showrooms (20 + 20) in respect of which applications for 20 showrooms have already been submitted by the various owners of the showrooms for registration for regularization of unauthorized colonies / plots (dated 14-01-2017) and for which payments in installments have been made by the owners of the showrooms [for which the Receipts for the years 2017 (dated 13-01-

- 2017), & 2018 (dated 8-02-2018, 16-03-2018) **attached as Annexure-1 & 2** respectively].
3. The team observed that one temporary toilet has been constructed for the labour working in the commercial area (**Picture attached as Annexure-3**).
 4. Also there is a temporary structure being used as a store (**Picture attached as Annexure-4**) in the land area of the group housing project, which the PP has assured to dismantle.

The report is hereby submitted for the consideration of SEAC.

Sd/-
(Dr V. K. Singhal)
Virdi)
Member, SEAC

Sd/-
(Dr Sandeep Singh
Member, SEAC

Annexure -1 & 2

Receipts of registration for regularization of unauthorized colonies for 2017 & 2018 as Annexure-1 and 2 are appended in the case file.

Annexure -3

Toilet constructed for the labour



Annexure -4

Temporary structure on the land area



Annexure -5

General Site Photographs











Sd/-
(Dr V. K. Singhal)
Member, SEAC

Sd/-
(Dr Sandeep Singh Viridi)
Member, SEAC

Item No.167.18: Application for issuance of TORs for carrying out EIA study for obtaining Environmental clearance under EIA notification dated 14.09.2006 for expansion of steel manufacturing unit by replacement/addition of induction furnaces & addition of a rolling mill in revenue estate in revenue estate of village Tooran, Amloh road, Mandi Gobindgarh, Distt. Fatehgarh Sahib, Punjab by M/s Shiva Castings Private Limited (Proposal no SIA/PB/IND/22539/2018)

The facts of the case are as under: -

The project proponent has filed application for issuance of TOR under EIA notification, 2006 for expansion of steel manufacturing unit by replacing the existing induction furnaces of capacity 6 TPH with 02 numbers Induction furnace having capacity 10TPH & 15TPH and one no. of Rolling Mill in village Tooran, Amloh Road, Mandi Gobindgarh, Distt. Fatehgarh Sahib, Punjab. The project is covered under category 3(a) - Metallurgical Industries (ferrous & non-ferrous) of the Schedule appended to the said notification. The details of the project as given in form 1 and other documents are as under:-

- The industry was granted consent to operate by Punjab Pollution Control Board, Patiala, Punjab, in year 2002 for manufacturing of Steel Ingot @ 48TPD by installing Induction furnace of capacity 4TPH. The industry was again granted consent to operate (CTO) for expansion by Punjab Pollution Control Board, Patiala, Punjab in 2013 vide letter no. 3638 dated 29-07-2013 for manufacturing of Steel Ingot @ 72TPD by installing Induction furnace of capacity 6TPH. The other details of the project are given below:

YEAR OF ESTABLISHMENT	CAP. OF FURNACE	POWER	TOTAL PRODUCTION	WHETHER COVERED UNDER EIA NOTIFICATION OR NOT
2002	4TPH	2500KW	48TPD	The industry does not cover under EIA Notification, 14.09.2006 notification 1994.
29-07-2013	6TPH	2500KW	72TPD	The industry does not cover under EIA Notification, 14.09.2006 notification S.O. 3067(E) dated 01.12.2009 because the production capacity of the industry was <30,000 Tons per annum.

- The details are given in the tabulated form as under: -

S. No.	PARTICULARS	EXISTING	PROPOSED	TOTAL
A	EXISTING & PROPOSED CAPACITY OF FURNACES & ROLLING MILLS			

1	Induction Furnace	6TPH (to be replaced)	10TPH & 15TPH Induction furnaces & a Rolling Mill	
B	PRODUCTS			
1	Steel Ingot/Billets	25,200	79,800	1,05,000
2	Rounds, Square, TMT/MS Bars, Angles, Channel,	Nil	80,000	80,000
C	RAW MATERIAL			
1	MS Scrap (TPA)	27,900	86,319	1,14,219
2	Ferro-alloys(TPA)	325	2006	2,331
D	GENERALS			
1	Project Cost (Crores)	Rs 3.12	Rs 12.0	Rs 15.12
2	Land (Acres)	2.21	NIL	2.21
3	Power (KW)	2500	8000	10500
4	Manpower (Nos.)	50	150	200
5	Working days	24 hrs 350 working days in year		

- Water requirement met through existing tube well. The detail of water requirement existing & after expansion is given below:-

DESCRIPTION	EXISTING	PROPOSED	TOTAL
Domestic	3.0 KLD	9.0KLD	12.0 KLD
Cooling (makeup water)	8.0 KLD	13.0 KLD	21.0 KLD
Total	11.0KLD	22.0 KLD	33.0 KLD

- No National Parks/ Wild Life Sanctuaries/ Biosphere Reserves falls within 10 km radius of the project.
- Industrial Land is registered in name of project proponent. The land is already use for industrial purposes. It is an expansion project. No additional land has been acquired.
- Proposed project is based on ZERO discharge. The waste water generated from domestic & cooling tower is being/will treated through Septic Tank and is being/will used for plantation within premises.
- The existing quantity of slag is 5TPD and is being used for filling of low lying area. Total quantity of slag after expansion will be 18.06 TPD and

will be used in filling of Low lying area and in Road Making after recovery of metal.

- Hazardous waste generated (0.02kl/annum) from DG sets in the form of used oil is being re- used as lubricants within the industry and dust after expansion (14ton/annum) recovered by bag filter is also covered under hazardous waste & sent to TSDF site for final disposal.
- Baseline data will be collected by monitoring & surveying of various environmental components / parameters in the core zone during the study period, details of which are given as under: -

S. NO.	PARAMETERS	DESCRIPTION
1	Meteorology	Meteorological parameters on hourly basis at project site. Parameters: Temperature, Relative humidity, Wind Speed & Wind Direction.
2	Air	Ambient air quality monitoring (24 hourly), twice a week. Parameters are PM ₁₀ , PM _{2.5} , SO ₂ , NO ₂ & CO. No. of Locations: 8 locations in core and buffer zone.
3	Noise	Noise level monitoring (Day & Night time), once in a season. No. of Locations: 8 locations in core and buffer zone.
4	Water	Ground water sampling, once in a season. No. of Locations: 8 locations in core and buffer zone. Tested for physical and chemical parameters.
5	Soil	Soil sampling, once in a season. No. of Locations: 6 locations in core and buffer zone.
6	Biological Factors	Biodiversity survey, once in a season. Location: Core and buffer zone.
7	Socio-economic Environment	Socio-economic survey, once in a season. Location: Core and buffer zone.

- The Environmental Impact And Management Plan is given as under: -

➤ PARTICULARS	➤ DETAILS
➤ Impact on Air	
Construction/ Operational Phase	Air emissions both gaseous and fugitive from proposed plant will be on account of process emissions from stacks of existing Induction furnace & proposed

	<p>Furnace as well as DG. Sets. The mitigation measure adopted as under:</p> <ul style="list-style-type: none"> ➤ The main raw material and product will be brought in and dispatched by road through covered enclosures. ➤ All the vehicle owners will have valid PUC Certificate ➤ All vehicles are loaded up-to prescribed limit during transportation. ➤ Dust suppression on haul roads will be done at regular intervals. ➤ Proper pollution control equipment like bag filter will be provided. ➤ APCD solid waste after expansion will also be sent to TSDF site for final Disposal.
➤ Air Quality Management:	
➤ Emissions Management	<ul style="list-style-type: none"> ➤ A stack of adequate height equipped with Bag filter will be installed with the Induction furnace to control the particulate and gaseous emissions due to combustion of fuel. ➤ All the roads are asphalted to control the fugitive dust emissions ➤ Proper servicing & maintenance of vehicles is/will be carried out. ➤ Green Belt around the periphery and within premises will be provided.
➤ Monitoring Management	Ambient air quality and stack emission will be regularly monitored to ensure that ambient air quality standards and suggested limits on stack emission loads would be met honestly at all the time.
Impact on water	
➤ Construction/ Operational phase	Water requirement of the plant will be meeting from existing tube well. Roof top rain water will be recharged to compensate the ground water withdrawal.
Water Management	
➤	<ul style="list-style-type: none"> ➤ Fresh water requirement of the project will be met by existing tube well. ➤ Domestic waste water generated from the plant will be treated in septic tank and treated water will be re-used for cooling purpose. ➤ The cooling water will be re-circulated and cooling blow down will be treated through septic tank.
Impact on Noise	

➤ Construction/ Operational Phase	<p>The expected noise levels of some of the proposed equipment like Pumps (82-95 dB (A), Induction furnace (95-105 dB (A), DG sets (100-120 dB (A).</p> <p>The above noise levels are worked out without mitigation measures. With the mitigation measures the noise levels will be further restricted within very short distance from the source point.</p> <p>The operators/personnel working near the noise sources in the Plant will be provided with earmuffs and earplugs</p> <p>Green belt will be developed around the plant premises which will act as noise abatement measures.</p>
Noise Management	
➤	<ul style="list-style-type: none"> ➤ There will be no danger of noise pollution from plant. The green belt (plantation of dense trees across the boundary) helps in reducing noise levels in steel plant as a result of attenuation of noise generated due to plant operations and transportation. ➤ Earmuffs will be used while running the equipment of the plant. ➤ D.G sets will be provided with acoustic to control the noise level within the prescribed limit. ➤ A high standard of maintenance will be practiced for plant machinery and equipment, which helps to avert potential noise problems. ➤ Personal Protective Equipment like earplugs and earmuffs will be provided to the workers exposed to high noise level. ➤ Regular monitoring of noise level will be carried out.
Solid Waste Management	
➤ Management	➤ APCD dust is being sent to TSDF site and slag from process is sent to low lying area for final disposal.
Green belt Management	
➤ Management	<ul style="list-style-type: none"> ➤ Green belt development in and around the plant site helps to attenuate the pollution level. ➤ Out of the total plant area approx. 15% land is already developed as green belt and it will be maintained in future also. ➤ Green belt has been developed as per Central Pollution Control Board (CPCB) guidelines. ➤ Native species have been planted in consultation with the local DFO.

➤ Total proposed project cost is estimated to be around Rs.1512 Lakhs

(i) Existing -Rs 3.12 Cr

(ii) Proposed -Rs 12.00 Cr

(iii) Total -Rs 15.12 Cr

- Rs 70.0 Lacs towards Environment Protection will be spent.

The details of the document submitted with the application are as under: -

1.	Properly filled Form 1 and basic information	Yes
2.	Pre-feasibility Report	Submitted
3.	Proof of ownership of land	Submitted
4.	Copy of Memorandum of Article & Association / partnership deed / undertaking of sole proprietorship / list of Directors and names of other persons responsible for managing the day-to-day affairs of the project.	Submitted
5.	Draft ToRs	Submitted
6.	List of accredited EIA consultant organization with accredited sector of NABET	Submitted

The case is placed before the SEAC for its consideration.

Item No.167.19: Application for issuance of TORs for carrying out EIA study for obtaining Environmental clearance under EIA notification dated 14.09.2006 for expansion of steel manufacturing unit by replacement/addition of induction furnaces & addition of a rolling mill in revenue estate of village Tooran, Amloh Road, Mandi Gobindgarh, Distt. Fatehgarh Sahib, Punjab by M/s Samana Concast (Proposal no SIA/PB/IND/25974/2018)

The facts of the case are as under: -

The project proponent has filed application for issuance of TORs for carrying out EIA study for obtaining Environmental clearance under EIA notification dated 14.09.2006 for expansion of steel manufacturing unit by replacement/addition of induction furnaces & addition of a rolling mill in revenue estate of village Tooran, Amloh Road, Mandi Gobindgarh, Distt. Fatehgarh Sahib, Punjab. The project is covered under category 3(a) - Metallurgical Industries (ferrous & non-ferrous) of the Schedule appended to the said notification. The details of the project as given in form 1 and other documents are as under:-

- The industry was granted consent to operate by Punjab Pollution Control Board, Patiala vide letter no. 161 dated 16.08.2012 for manufacturing of Steel Ingot @ 28000 TPA (80 TPD) by installing Induction furnace of capacity 4TPH. The other details of the project are given below:

YEAR OF ESTABLISHMENT	CAP. OF FURNACE	POWER	No. of working days	TOTAL PRODUCTION	WHETHER COVERED UNDER EIA NOTIFICATION OR NOT
2002	4TPH	2499 KVA	350	28000 TPA	The industry does not cover under EIA Notification S.O. 3067 (E) dated 01.12.2009 because the production capacity of the industry was less than 30000 per annum. The Punjab Pollution Control Board has already issued the Consent to Operate for the manufacturing of Ingots @80 TPD by installing induction furnace of 4 TPH.

- The details are given in the tabulated form as under: -

S. No.	PARTICULARS	EXISTING	PROPOSED	TOTAL
A	EXISTING & PROPOSED CAPACITY OF FURNACES & ROLLING MILLS			
1	Induction Furnace	4TPH (to be	2X 12 TPH of Induction furnaces & Concast	
B	PRODUCTS			
1	Steel Ingots & Castings (TPA)	28,000	72,800	1,00,800
C	RAW MATERIAL			
1	MS Scrap (TPA)	30,458	79,192	1,09,650
2	Ferro-alloys(TPA)	622	1,616	2,238
D	GENERALS			
1	Project Cost (Crores)	1.50	6.50	8.0
2	Land (Acres)	2.56	NIL	2.56
3	Power (KW)	1500	8500	10,000
4	Manpower (Nos.)	50	150	200
5	Working days	24 hrs 350 working days in year		

- Water requirement met through existing tube well. The detail of water requirement existing & after expansion is given below:-

DESCRIPTION	EXISTING	PROPOSED	TOTAL
Domestic	3.0 KLD	6.0 KLD	9.0 KLD
Cooling (makeup water)	5.0 KLD	12.0 KLD	17.0 KLD
Total	8.0KLD	18.0 KLD	26.0 KLD

- No National Parks/ Wild Life Sanctuaries/ Biosphere Reserves falls within 10 km radius of the project.
- The projects have already 2.56 Acres of land. There will be no change in the land use. It is an expansion project no additional land is acquired.
- There is no generation trade effluent from process. Domestic waste water shall be treated through Septic Tank and the same will be used within the premises for

plantation. STP will be provided for treatment of domestic effluent during expansion.

- Wet scrubber has been provided on existing Induction Furnace and proponent will proposed Bag filter followed by cyclone for proposed furnace. Canopy has also provided on DG Set. After Expansion Bag filter will be provided.
- The existing quantity of slag is 4 TPD and is being used for filling of low lying area. Total quantity of slag after expansion will be 17.47TPD and will be used for filling low lying area.
- Hazardous waste generated (0.02kl/annum) from DG sets in the form of used oil is being re- used as lubricants within the industry and dust after expansion (10.5 ton/annum) recovered by bag filter is also covered under hazardous waste & sent to TSDF site for final disposal.
- Baseline data will be collected by monitoring & surveying of various environmental components / parameters in the core zone during the study period, details of which are given as under: -

S. NO.	PARAMETERS	DESCRIPTION
1	Meteorology	Meteorological parameters on hourly basis at project site. Parameters: Temperature, Relative humidity, Wind Speed & Wind Direction.
2	Air	Ambient air quality monitoring (24 hourly), twice a week. Parameters are PM ₁₀ , PM _{2.5} , SO ₂ , NO ₂ & CO. No. of Locations: 8 locations in core and buffer zone.
3	Noise	Noise level monitoring (Day & Night time), once in a season. No. of Locations: 8 locations in core and buffer zone.
4	Water	Ground water sampling, once in a season. No. of Locations: 8 locations in core and buffer zone. Tested for physical and chemical parameters.
5	Soil	Soil sampling, once in a season. No. of Locations: 6 locations in core and buffer zone.
6	Biological Factors	Biodiversity survey, once in a season. Location: Core and buffer zone.
7	Socio-economic Environment	Socio-economic survey, once in a season. Location: Core and buffer zone.

- The Environmental Impact And Management Plan is given as under: -

PARTICULARS	DETAILS
Impact on Air	
Construction/ Operational Phase	<ul style="list-style-type: none"> ➤ Air emissions both gaseous and fugitive from proposed plant will be on account of process emissions from stacks of existing Induction furnace & proposed Furnace as well as DG. Sets. The mitigation measure adopted as under: <ul style="list-style-type: none"> ➤ ➤ The main raw material and product will be brought in and dispatched by road through covered enclosures. ➤ ➤ All the vehicle owners will have valid PUC Certificate ➤ ➤ All vehicles are loaded up-to prescribed limit during transportation. ➤ ➤ Dust suppression on haul roads will be done at regular intervals. ➤ ➤ Proper pollution control equipment like bag filter will be provided. ➤ ➤ APCD solid waste after expansion will also be sent to TSDF site for final Disposal.
Air Quality Management:	
Emissions Management	<ul style="list-style-type: none"> ➤ A stack of adequate height equipped with Bag filter will be installed with the Induction furnace to control the particulate and gaseous emissions due to combustion of fuel. ➤ All the roads are asphalted to control the fugitive dust emissions ➤ Proper servicing & maintenance of vehicles is/will be carried out. ➤ Green Belt around the periphery and within premises will be provided.
Monitoring Management	<ul style="list-style-type: none"> ➤ Ambient air quality and stack emission will be regularly monitored to ensure that ambient air quality standards and suggested limits on stack emission loads would be met honestly at all the time.
Impact on water	
Construction/ Operational phase	<ul style="list-style-type: none"> ➤ Water requirement of the plant will be meeting from existing tube well. Roof top rain water will be recharged to compensate the ground water withdrawal.
Water Management	
	<ul style="list-style-type: none"> ➤ Fresh water requirement of the project will be met by existing tube well.

	<ul style="list-style-type: none"> ➤ Domestic waste water generated from the plant will be treated in septic tank and treated water will be used in green belt development. ➤ The cooling water will be re-circulated and cooling blow down will be treated through septic tank.
Impact on Noise	
Construction/ Operational Phase	<ul style="list-style-type: none"> ➤ The expected noise levels of some of the proposed equipment like Pumps (82-95 dB (A)), Induction furnace (95-105 dB (A)), DG sets (100-120 dB (A)). ➤ The above noise levels are worked out without mitigation measures. With the mitigation measures the noise levels will be further restricted within very short distance from the source point. ➤ The operators/personnel working near the noise sources in the Plant will be provided with earmuffs and earplugs ➤ Green belt will be developed around the plant premises which will act as noise abatement measures.
Noise Management	
	<ul style="list-style-type: none"> ➤ There will be no danger of noise pollution from plant. The green belt (plantation of dense trees across the boundary) helps in reducing noise levels in steel plant as a result of attenuation of noise generated due to plant operations and transportation. ➤ Earmuffs will be used while running the equipment of the plant. ➤ D.G sets will be provided with acoustic to control the noise level within the prescribed limit. ➤ A high standard of maintenance will be practiced for plant machinery and equipment, which helps to avert potential noise problems. ➤ Personal Protective Equipment like earplugs and earmuffs will be provided to the workers exposed to high noise level. ➤ Regular monitoring of noise level will be carried out.
Solid Waste Management	
Management	<ul style="list-style-type: none"> ➤ APCD dust is being sent to TSDF site and slag from process is sent to low lying area for final disposal.
Green belt Management	
Management	<ul style="list-style-type: none"> ➤ Green belt development in and around the plant site helps to attenuate the pollution level. ➤ Out of the total plant area approx. 15% land is already developed as green belt and it will be maintained in future also.

	<ul style="list-style-type: none"> ➤ Green belt has been developed as per Central Pollution Control Board (CPCB) guidelines. ➤ Native species have been planted in consultation with the local DFO.
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- Total proposed project cost (after addition of proposed machinery) is Rs.800 Lakhs

(i) Existing -Rs 1.50 Cr

(ii) Proposed -Rs 6.5 Cr

(iii) Total -Rs 8.0 Cr

- Rs 70.0 Lacs towards Environment Protection will be spent.

The details of the document submitted with the application are as under: -

1.	Properly filled Form 1 and basic information	Yes
2.	Pre-feasibility Report	Submitted
3.	Proof of ownership of land	Submitted
4.	Copy of Memorandum of Article & Association / partnership deed / undertaking of sole proprietorship / list of Directors and names of other persons responsible for managing the day-to-day affairs of the project.	Submitted
5.	Draft ToRs	Submitted
6.	List of accredited EIA consultant organization with accredited sector of NABET	Submitted

The case is placed before the SEAC for its consideration

Item No.167.20: Application for issuance of TORs for carrying out EIA study for obtaining Environmental clearance under EIA notification dated 14.09.2006 for expansion of steel manufacturing unit by replacement/addition of induction furnaces & enhancement of Rolling mill in revenue estate of Village Mangarh, Machhiwara Road, Near Kohara, Distt. Ludhiana, Punjab by M/S Renny Strips Pvt. Ltd. (Proposal no SIA/PB/IND/26037/2018)

The facts of the case are as under: -

M/S Renny Strips Pvt. Ltd. has filed application issuance of TORs for carrying out EIA study for obtaining Environmental clearance under EIA notification dated 14.09.2006 for expansion of steel manufacturing unit by replacement/addition of induction furnaces & enhancement of Rolling mill in revenue estate of Village Mangarh, Machhiwara Road, Near Kohara, Distt. Ludhiana, Punjab. The project is covered under category 3(a) - Metallurgical Industries (ferrous & non-ferrous) of the Schedule appended to the said notification. The details of the project as given in form 1 and other documents are as under: -

- The project proponent submitted that there are two units namely M/s Renny Steel Casting (P) Limited & M/s Renny Strips (P) Limited in same premises at Village Mangarh, Machhiwara Road, Kohara, Ludhiana-east District- Ludhiana, Punjab. M/s Renny Steel Casting (P) Limited having Induction Furnace of 4TPH capacity & commissioned in 1995 & M/sS Renny Strips (P) Limited, which is a secondary re-rolling based unit having installed capacity 40,800TPA, commissioned in 2005. Details of these units are as under:

YEAR OF ESTABLISHMENT	CAP. OF FURNACE	POWER	TOTAL PRODUCTION	WHETHER COVERED UNDER EIA NOTIFICATION OR NOT
1995 M/s Renny Steel Casting (P) Ltd	4.0 TPH	1900 KW	24 TPD	The industry does not cover under EIA Notification, 14.09.2006 notification 1994.
2005 M/s Renny Strips (P) Ltd	Rolling Mill	2000 KW	40800 TPA	

27-03-2017 M/s Renny Steel Casting (P) Ltd	7.0 TPH		72 TPD	The industry does not cover under EIA Notification, 14.09.2006 notification S.O. 3067(E) dated 01.12.2009 because the production capacity of the industry was <30,000 Tons per
After Merging M/s Renny Strips (P) Ltd	7.0 TPH & Rolling Mill	3900 KW	72 TPD & 40800 TPA	The industry does not cover under EIA Notification, 14.09.2006 notification S.O. 3067(E) dated 01.12.2009 because the production capacity of the industry was <30,000 Tons per

➤ The details of the projects are given in the tabulated form as under: -

S. No.	PARTICULARS	EXISTING	PROPOSED	TOTAL
A	EXISTING & PROPOSED CAPACITY OF FURNACES & ROLLING MILLS			
1	Induction Furnace	7 TPH (to be	Multiple Induction furnace (3 ×15 TPH), LRF & Concast	
2	Rolling Mills	1 Rolling Mill	-	1 Rolling Mill (capacity enhancement)
B	PRODUCTS			
1	Steel Ingot/Billets	25,200	1,63,800	1,89,000
2	Rounds, Square, TMT/MS Bars, Angles, Channel,	40,800	1,34,200	1,75,000
C	RAW MATERIAL			
1	MS Scrap (TPA)	27,413	1,78,591	2,06,004
2	Ferro-alloys(TPA)	559	2,727	3,286
D	GENERALS			
1	Project Cost (Crores)	4.5	25.0	29.5
2	Land (Acres)	3.7	NIL	3.7
3	Power (KW)	3900	8000	11900
4	Manpower (Nos.)	250	100	350
5	Working days	24 hrs 350 working days in year		

➤ Water requirement met through existing tube well. The detail of water requirement existing & after expansion is given below:-

DESCRIPTION	EXISTING	PROPOSED	TOTAL
Domestic	6 KLD	5.0KLD	11.0KLD
Cooling (makeup water)	15 KLD	45.0KLD	60.0 KLD
Total	21 KLD	50.0 KLD	71.0 KLD

- No National Parks/ Wild Life Sanctuaries/ Biosphere Reserves falls within 10 km radius of the project.
- Industrial Land is registered in name of project proponent. The land is already use for industrial purposes. It is an expansion project. No additional land has been acquired.
- There are no generation trade effluents from process. The waste water generated from domestic & cooling tower is being treated through Septic Tank and is being used for plantation within premises. After expansion, project proponent proposes to install STP for treatment of domestic effluent. The treated effluent will be re-using for cooling purposes.
- The existing quantity of slag is 4TPD and is being used for filling of low lying area. Total quantity of slag after expansion will be 32 TPD and will be used in filling of Low lying area and in Road Making after recovery of metal.
- Hazardous waste generated (0.010 kl/annum) from DG sets in the form of used oil is being re- used as lubricants within the industry and dust after expansion (21 ton/annum) recovered by bag filter is also covered under hazardous waste & sent to TSDF site for final disposal
- Baseline data will be collected by monitoring & surveying of various environmental components / parameters in the core zone during the study period, details of which are given as under: -

S. NO.	PARAMETERS	DESCRIPTION
1	Meteorology	Meteorological parameters on hourly basis at project site. Parameters: Temperature, Relative humidity, Wind Speed & Wind Direction.
2	Air	Ambient air quality monitoring (24 hourly), twice a week. Parameters are PM ₁₀ , PM _{2.5} , SO ₂ , NO ₂ & CO. No. of Locations: 8 locations in core and buffer zone.
3	Noise	Noise level monitoring (Day & Night time), once in a season. No. of Locations: 8 locations in core and buffer zone.

4	Water	Ground water sampling, once in a season. No. of Locations: 8 locations in core and buffer zone. Tested for physical and chemical parameters.
5	Soil	Soil sampling, once in a season. No. of Locations: 6 locations in core and buffer zone.
6	Biological Factors	Biodiversity survey, once in a season. Location: Core and buffer zone.
7	Socio-economic Environment	Socio-economic survey, once in a season. Location: Core and buffer zone.

➤ The Environmental Impact And Management Plan is given as under: -

PARTICULARS	DETAILS
Impact on Air	
Construction/ Operational Phase	<ul style="list-style-type: none"> ➤ Air emissions both gaseous and fugitive from proposed plant will be on account of process emissions from stacks of existing Induction furnace & proposed Furnace as well as DG. Sets. The mitigation measure adopted as under: ➤ The main raw material and product will be brought in and dispatched by road through covered enclosures. ➤ All the vehicle owners will have valid PUC Certificate ➤ All vehicles are loaded up-to prescribed limit during transportation. ➤ Dust suppression on haul roads will be done at regular intervals. ➤ Proper pollution control equipment like bag filter will be provided. ➤ APCD solid waste after expansion will also be sent to TSDF site for final Disposal.
Air Quality Management:	
Emissions Management	<ul style="list-style-type: none"> ➤ A stack of adequate height equipped with Bag filter will be installed with the Induction furnace to control the particulate and gaseous emissions due to combustion of fuel. ➤ All the roads are asphalted to control the fugitive dust emissions ➤ Proper servicing & maintenance of vehicles is/will be carried out. ➤ Green Belt around the periphery and within premises will be provided.

Monitoring Management	Ambient air quality and stack emission will be regularly monitored to ensure that ambient air quality standards and suggested limits on stack emission loads would be met honestly at all the time.
Impact on water	
Construction/ Operational phase	Water requirement of the plant will be meeting from existing tube well. Roof top rain water will be recharged to compensate ground water.
Water Management	
	<ul style="list-style-type: none"> ➤ Fresh water requirement of the project will be met by existing tube well. ➤ Domestic waste water generated from the plant will be treated in Septic Tank and treated water will be used in green belt development. ➤ The cooling water will be re-circulated and cooling blow down will be treated through Septic Tank.
Impact on Noise	
Construction/ Operational Phase	<p>The expected noise levels of some of the proposed equipment like Pumps (82-95 dB (A), Induction furnace (95-105 dB (A), DG sets (100-120 dB (A).</p> <p>The above noise levels are worked out without mitigation measures. With the mitigation measures the noise levels will be further restricted within very short distance from the source point.</p> <p>The operators/personnel working near the noise sources in the Plant will be provided with earmuffs and earplugs</p> <p>Green belt will be developed around the plant premises which will act as noise abatement measures.</p>
Noise Management	
	<ul style="list-style-type: none"> ➤ There will be no danger of noise pollution from plant. The green belt (plantation of dense trees across the boundary) helps in reducing noise levels in steel plant as a result of attenuation of noise generated due to plant operations and transportation. ➤ Earmuffs will be used while running the equipment of the plant. ➤ D.G sets will be provided with acoustic to control the noise level within the prescribed limit. ➤ A high standard of maintenance will be practiced for plant machinery and equipment, which helps to avert potential noise problems. ➤ Personal Protective Equipment like earplugs and earmuffs will be provided to the workers exposed to high noise level.

	➤ Regular monitoring of noise level will be carried out.
Solid Waste Management	
Management	➤ APCD dust is being sent to TSDF site and slag from process is sent to low lying area for final disposal.
Green belt Management	
Management	<ul style="list-style-type: none"> ➤ Green belt development in and around the plant site helps to attenuate the pollution level. ➤ Out of the total plant area approx. 5% land is already developed as green belt and it will be maintained in future also. ➤ Green belt has been developed as per Central Pollution Control Board (CPCB) guidelines. ➤ Native species have been planted in consultation with the local DFO.

➤ Total proposed project cost is estimated to be around Rs.2950 Lakhs

(i) Existing -Rs 4.5 Cr

(ii) Proposed -Rs 25.00 Cr

(iii) **Total -Rs 29.5 Cr**

➤ Rs 150 Lacs towards Environment Protection will be spent.

The details of the document submitted with the application are as under: -

1.	Properly filled Form 1 and basic information	Yes
2.	Pre-feasibility Report	Submitted
3.	Proof of ownership of land	Submitted
4.	Copy of Memorandum of Article & Association / partnership deed / undertaking of sole proprietorship / list of Directors and names of other persons responsible for managing the day-to-day affairs of the project.	Submitted
5.	Draft ToRs	Submitted
6.	List of accredited EIA consultant organization with accredited sector of NABET	Submitted

The case is placed before the SEAC for its consideration

Item No.167.21: Application for extension in the validity of environmental clearance granted under EIA notification dated 14.09.2006 for steel manufacturing unit located in revenue estate of village Ambey Mazra, Tehsil Mandi Gobindgarh, Distt. Fatehgarh Sahib, Punjab by M/s Kay Ell Dee Metaliks Pvt. Ltd (Proposal no SIA/PB/IND /25846/2011

The facts of the case are as under: -

Earlier, M/s Kay Ell Dee Metaliks Pvt. Ltd. was granted Environmental Clearance by MoEF & CC vide F.No. J-11011/414/2009-IA-II(I) dated 22.06.2011 for manufacturing of Steel Ingots (84,000 MTPA) and TMT bars (35,000 MTPA) at village Ambey Mazra, Tehsil Mandi Gobindgarh, Distt. Fatehgarh Sahib, Punjab, subject to certain conditions, which is valid upto 21.06.2018. The project could not be started within validity of environmental clearance due to unavoidable circumstances.

The project proponent has submitted an application for extension in the validity of environmental clearance granted under EIA notification dated 14.09.2006 for steel manufacturing unit located in revenue estate in revenue estate of village Ambey Mazra, Tehsil Mandi Gobindgarh, Distt. Fatehgarh Sahib, Punjab. The details of the project as given in Form 1 and other documents are as under: -

➤ **Basic Information**

S.No.	Items	Details
1	Name of the Project:	Manufacturing of Steel Ingots, TMT Bars
2	i) Location of unit ii) Plot, Survey No, Khasra No.	Village- Ambey Mazra, Mullanpur Road, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab 39/104, 32//18 (8-0)19 (8-0)35//2(8-0)3(8-0)7/1 (0-5) /2(0-5)8(8-0)9(8-0)12/2(4-0)13(8-0)12/2 (4-0)13(8-0)18(8-0)23(8-0), 109/265, 60/1850,35 //14 (7-12)17(7-12) 25/2(2-9), 240/353
3	Serial no. in schedule	3 (a) Non Toxic Capacity > 30,000 TPA
4	Proposed capacity	Steel Ingots: 84,000 TPA TMT Bars: 35,000 TPA
5	New/Expansion /Modernization	New
6	Area	4.4 Acres

- The unit does not fall in any notified reserved forest area, sanctuary area.
- There are no State or National boundaries within 10 km radius of the industry.

- The industrial land to be used for the manufacturing of steel Ingot & TMT Bars. So there would not be any change in land use. The land has been earmarked for industrial purposes as per the Master Plan of Mandi Gobindgarh
- For construction & erection of machinery, about 30 temporary workers from local area and during operation phase, 76 no. regular staff for the unit will be employed.
- About 5.0 TPD Slag from furnace, will be generated, which will be disposed off at designated site of the state TSDF.
- Toilet waste shall be treated through STP
- Total water requirement of the project will be 25 KLD which includes 17 KLD for cooling purpose & 8 KLD for domestic purpose and met through own tube-well.
- About 2.0 KLD waste water will be treated in STP upto tertiary level, which will be used for plantation purposes etc., within the premises. It will not be thrown in any water body or on open land. However, during rainy days it will be disposed off in the nearest drain after treatment.
- Energy in the form of electricity @ 10 MW would be required, which would be made available from PSPCL.
- The details of the documents submitted with the application are as under: -
 1. Form No. 1.
 2. Land Registry
 3. Memorandum of Article
 4. Environmental clearance letter issued by MoEF.
 5. NOC issued by Punjab Pollution Control Board.
 6. Approval of site issued by Director of factories, Punjab.
 7. Municipal Council certificate regarding location of the project outside limit of MC.

The case is placed before the SEAC for consideration.

Item No.167.22: Application for amendment in the environmental clearance under EIA Notification dated 14.09.2006 for construction of group housing project namely "ATHENS II" located in the revenue estate of Village Ramgarh Bhudda, Zirakpur, Tehsil Dera bassi, Mohali, District S.A.S. Nagar, Punjab by M/s Brawn Buildtech Pvt Ltd. (Proposal no SIA/PB /NCP/ 58204 /2016)

The facts of the case are as under: -

Earlier, M/s Brawn Buildtech Pvt Ltd. was granted Environmental Clearance by SEIAA vide letter no. SEIAA/2016/ 3527 dated 07.11.2016 for establishment of group housing project namely "Athens-2" in an area of 15,976 sqm & having total built up area of the Project as 31133 sqm at Village Ramgarh Bhudda, Zirakpur, Tehsil Dera Bassi, Mohali, District S.A.S. Nagar, Punjab subject to certain conditions.

The project proponent has filed an application for amendment in the environmental clearance under EIA Notification dated 14.09.2006 for construction of group housing project namely "ATHENS-2" located in the revenue estate of Village Ramgarh Bhudda, Zirakpur, Tehsil Dera bassi, Mohali, District S.A.S. Nagar, Punjab by M/s Brawn Buildtech Pvt Ltd.

The project proponent submitted that there is no change in the land area. However, built area has been increased by 2677 sqm & now, the total built up area of the project is 33810 Sqm. Earlier, 256 flats have been proposed and now, 232 flats & 8 shops have been proposed in the project. Accordingly, water, sewage, power, MSW and STP capacities have been decreased. The details of the project as given in Form 1, Form 1A and other documents are as under: -

1.	Category/Item No. (in schedule)	8(a): Group Housing project		
2.	Name and Location of the project	"ATHENS-2" located in the revenue estate of Village Ramgarh Bhudda, Zirakpur, Tehsil Dera bassi, Mohali, District S.A.S. Nagar, Punjab		
4.	Total Plot area, Built-up Area and Green area	The details of the group housing project is as under:		
			Old	New
		Land	15976	--
		Built up area	31133 sqm	2677 sqm
		Flats	256	-24
		Shop	0	8
5.	Population (when fully inhabited)	Residential & Other population of 1176Persons		

6.	Water Requirements & source	Break up of water requirement		Source		
		Total: 173 KLD Domestic: 157 KLD Green Area: 16 KLD Fresh: 105 KLD Flushing: 52 KLD Green Area 2142 sqm : 16 KLD		- Ground Water Treated waste water Treated waste water		
7.	Disposal Arrangement of Waste water	Total Qty. = 126 KLD, which will be treated in the STP of capacity 200 KLD to be installed in the project premises.				
		S.No.	Season	For Flushing purposes (KLD)	Green Area 6600 sqm (KLD)	Into MC SEWER (KLD)
		1.	Summer	52	16	58
		2.	Winter	52	04	70
		3.	Rainy	52	02	72
8.	Rain water recharging detail	The entire run off will be harvested through rain water harvesting pits. The roof runoff will be recharged directly to the ground. The surface runoff will be properly channelized to the de-silting and oil removal before the recharge				
9.	Solid waste generation and its disposal	a) 468 kg/day b) Solid wastes will be appropriately segregated (at source by providing bins) into recyclable, Bio-degradable Components, and non- bio-degradable. c) The recyclable waste will be sold to authorized recyclers. d) Mechanical composter will be provided for the Bio-degradable components. e) Inert waste will be dumped to designated dumping site.				
10.	Hazardous Waste	Used oil from DG sets will be sold to registered recyclers.				
11.	Energy Requirements & Saving	a) 1350 KW from PSPCL. b) DG set of capacity : 1x500 KVA & 1x 125 KVA c) Use of LED lamps (250 Nos) in common areas and Energy efficient electrical gadgets shall be used in the complex d) Solar energy will be used for street light (20 Nos) on the roads as well as in the parks in phased manner e) 30 % of the roof top will be used for power generation as per the SEAC norms.				
12.	Environment Management Plan	During construction phase, project head will be responsible for implementation of the EMP.				

	along with Budgetary break up phase wise and responsibility to implement	During operation phase, association of the residents or MC who so ever takes over the project, will be responsible for implementation of EMP.															
		<table><tr><th>Description</th><th>Capital Cost</th><th>Recurring Cost (per annum)</th><th>Monitoring of Air, Noise water (per annum)</th></tr><tr><td>Construction</td><td>Rs. 91 lac</td><td>Rs 12.0 Lac</td><td>Rs 5.9 lac</td></tr><tr><td>Operation</td><td>-</td><td>Rs.10.5 lac</td><td>Rs 6.9 lac</td></tr></table>				Description	Capital Cost	Recurring Cost (per annum)	Monitoring of Air, Noise water (per annum)	Construction	Rs. 91 lac	Rs 12.0 Lac	Rs 5.9 lac	Operation	-	Rs.10.5 lac	Rs 6.9 lac
Description	Capital Cost	Recurring Cost (per annum)	Monitoring of Air, Noise water (per annum)														
Construction	Rs. 91 lac	Rs 12.0 Lac	Rs 5.9 lac														
Operation	-	Rs.10.5 lac	Rs 6.9 lac														
13.	CSR activities alongwith budgetary break up and responsibility to implement	Director of the Company will be responsible for implementation of the CSR activities. Rs. 10 Lacs will be spent towards following CSR activities:- a) Toilets for girls in nearby schools. b) Open Gym in the MC park.															
14	Other important facts	<ul style="list-style-type: none">➤ As per the master plan submitted by the project proponent, the project site falls in the residential Zone.➤ No wildlife sanctuaries/parks falls within 10 km of the project site.➤ The project proponent has submitted permission obtained from EO, MC, Zirakpur vide no.8355 dated 19.08.2016 for discharge of treated sewage @128 KLD into MC sewer.➤ The ambient air, ambient noise, soil and ground water monitoring has been got done for all the parameters as per the prescribed norms. The concentration of all the parameters is found in the permissible limits.															

➤ The details of the documents submitted with the application are as under: -

Sr. No.	Description	Status
1.	Properly filled Form 1 & 1A	Submitted.
2.	<p>(a) In case(s) where land has already been purchased/acquired: Proof of ownership of land</p> <p>(b) In case where land is yet to be purchased/acquired: Proof of ownership of land (existing owner) such as copy of latest Jamabandi (not more than one month old) and credible document showing status of land acquisition w.r.t. project site as prescribed in OM dated 07.10.2014 issued by MoEF)</p>	Submitted.

[illegible]

10.	Water balance chart for summer, rainy and winter seasons indicating critical requirements	Submitted
11.	Availability of adequate land for use of treated sewage and plantation.	Not Applicable
12.	<p>Analysis reports of ambient air, ground water and noise levels from NABL/MoEF Accredited laboratories as per detail below:</p> <p>(i) The field data sheets as prescribed by SEIAA, Punjab which are available on the official website of SEIAA, Punjab along with exact location of sampling / monitoring point marked on the layout map should be filled at the time of sample collection/monitoring by the Lab and should be attached with the water, air, noise & soil monitoring reports.</p> <p>(ii) Water, air, noise & soil monitoring reports more than 6 months old or prior to date of signing of consent letters/agreement with the land owner shall not be accepted w.e.f. June, 1st 2015 onwards.</p> <p>(iii) Atleast one groundwater sample from the shallow / first aquifer and in case groundwater is to be abstracted for drinking purposes then atleast one groundwater sample from the said aquifer should be monitored and reports be attached accordingly.</p>	<p>(i) Submitted</p> <p>(ii) Submitted</p> <p>(iii) Submitted</p>
13.	Quantification of energy saved and renewable energy devices used.	Submitted
14.	Drawing showing plumbing systems for use of fresh, treated and hot water	Submitted
15.	Construction schedule (PERT/CPM Chart)	Submitted
16.	<p>Undertaking(s) for;</p> <p>a) Constitution of Environment Monitoring Cell which shall be responsible for implementation of EMP</p> <p>b) Use of ready mix concrete or use of fly ash during construction.</p> <p>c) To provide Fire Fighting System.</p> <p>d) To provide safety measure.</p> <p>e) To provide adequate safety measures for the construction workers during the construction phase.</p>	Submitted

17.	<p>Environmental Management Plan indicating the following:</p> <p>a) All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.</p> <p>b) Compliance of various environmental regulations.</p> <p>c) Steps to be taken in case of emergency such as accidents at the site including fire.</p> <p>d) For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.</p> <p>e) Capital & recurring cost for the EMP per year and the details of funds for the same.</p> <p>f) Name of the individual persons / organization, who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.</p>	Submitted
18.	Corporate Social Responsibility indicating various activities to be undertaken, provisions of funds for the same, the period for which the same is to be implemented and the person(s) responsible for the implementation of the same.	Submitted
19.	Traffic Circulation System and connectivity with a view to ensure adequate parking, conflict free movements, Energy efficient Public Transport.	Submitted
20.	Disaster/Risk Assessment and Management Plan.	Submitted
21.	Copy of Memorandum of Article & Association / partnership deed / undertaking of sole proprietorship / list of Directors and names of other persons responsible for managing the day-to-day affairs of the project.	Submitted
22.	In case of expansion projects, compliance report of earlier granted environmental clearance conditions verified by Northern Regional Office of Ministry of Environment, Forests & Climate Change, Chandigarh.	Application submitted for amendment in the Environmental Clearance

23.	Copy of presentation to be made before the SEAC at the time of appraisal in PDF format having size less than 25 MB.	Submitted.
24.	The process of submitting an application for obtaining environmental clearance has been made completely online and after the acceptance of environmental clearance application by SEIAA, the system generates an automated acknowledgement asking project proponent to submit hard copy of the accepted application. If project proponent is asked to submit hardcopy prior to scrutiny of environmental clearance application online by SEIAA or after its acceptance by SEIAA, then the project proponent will submit a hard copy of the environmental clearance application alongwith other documents.	Being submitted
25	For expansion projects: i. All the columns in the application form may be got filled in three parallel columns i.e. Existing, Proposed and Total. ii. In case of increase in no. of story's, Structural Safety/ Stability Certificate may be required from the Approved Engineer. iii. The existing building plan may be got super imposed with the proposed building plan and be marked in different colors. iv. Specify the adequacy of internal water supply system, sewer line and STP for the proposed expansion/revision.	i) Submitted ii) Not Applicable iii) No expansion in flats iv) Construction not started for said works
26	The project site might be falling within a distance of 10 kms from the wildlife sanctuary and 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. 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.	Applicable, While grant of environmental clearance to Athens-2, a following condition regarding NBWL has been imposed: - "The project proponent is required to obtain prior Forest & Wildlife clearance under Forest Conservation Act, 1980/ Wildlife Protection Act, 1972 from NBWL as the project site falls within the 10KM radius from Khol-Hi-Raitan Wildlife Sanctuary. The grant of environmental clearance does not necessarily implies that

		<p>forestry and wildlife clearance be granted to the project and that their proposals for forestry and wild life clearance will be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any, based on environmental clearance so granted, in anticipation of the clearance from forestry and wildlife angle shall be entirely at the cost and risk of the project proponent and Ministry of Environment and Forests shall not be responsible in this regard in any manner.”</p>
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The case is placed before the SEAC for consideration.

Item No.166.23: Application for amendment in the environmental clearance under EIA Notification dated 14.09.2006 for construction of group housing project namely "City Of Dreams - I" located in the revenue estate of Village Sante Majra, Sector-116, Kharar, Distt. SAS Nagar (Greater Mohali), Punjab by M/s Credo Assets Private Limited (Proposal no SIA/PB/NCP/58466/2016)

The facts of the case are as under: -

Earlier, M/s Credo Assets Private Limited was granted Environmental Clearance by SEIAA, Punjab vide letter no. 3616 dated 21.11.2016 establishment of a Group Housing Project "City of Dreams-I" in an area of 26,304.5 sqm (6.50 acres) and having built up area 46703.01 sqm located at Village Sante Majra, Sector-116, Kharar, Distt. SAS Nagar (Greater Mohali), Punjab subject to certain conditions.

The project proponent has submitted an application for amendment in the environmental clearance under EIA Notification dated 14.09.2006 for construction of group housing project namely "City of Dreams - I" located in the revenue estate of Village Sante Majra, Sector-116, Kharar, Distt. SAS Nagar (Greater Mohali), Punjab.

The project proponent submitted that there is no change in the land area. However, built area has been increased by 408 sqm & now, the total built up area of the project is 47111 Sqm. Earlier, 516 flats and 22 shops have been proposed and now there is no changes in the no. of flats, shops have been decreased from 22 nos. to 20 nos. The details of the project as given in Form 1 and other documents are as under: -

1.	Category/Item No. (in schedule)	8(a): Group Housing project			
2.	Name and Location of the project	"City Of Dreams-I" located at Village Sante Majra, Sector-116, Kharar, Distt. SAS Nagar (Greater Mohali), Punjab			
4.	Total Plot area, Built-up Area and Green area	The details of the group housing project is as under:			
			Old	New	Total
		Land	6.50 Acres	--	6.50 Acres
		Built up area	46703 sqm	408sqm	47111 Sqm
		Flats	516	--	516
		Shop	22	-2	20
5.	Population (when fully inhabited)	Residential & Other population of 2620 Persons			
6.	Water Requirements & source	Break up of water requirement		Source	
		Total: 558 KLD		-	

		Domestic: 537 KLD Green Area: 21 KLD Fresh: 421 KLD Flushing: 116 KLD Green Area 3823 sqm : 21 KLD	Ground Water Treated waste water Treated waste water																					
7.	Disposal Arrangement of Waste water	Total Qty.= 387 KLD at the outlet of STP, which will be treated in the STP of capacity 500 KLD to be installed in the project premises.																						
		<table border="1"> <thead> <tr> <th>S.No.</th><th>Season</th><th>For Flushing purposes (KLD)</th><th>Green Area 3823 sqm (KLD)</th><th>Into MC SEWER (KLD)</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Summer</td><td>116</td><td>21</td><td>250</td></tr> <tr> <td>2.</td><td>Winter</td><td>116</td><td>6</td><td>265</td></tr> <tr> <td>3.</td><td>Rainy</td><td>116</td><td>2</td><td>269</td></tr> </tbody> </table>			S.No.	Season	For Flushing purposes (KLD)	Green Area 3823 sqm (KLD)	Into MC SEWER (KLD)	1.	Summer	116	21	250	2.	Winter	116	6	265	3.	Rainy	116	2	269
S.No.	Season	For Flushing purposes (KLD)	Green Area 3823 sqm (KLD)	Into MC SEWER (KLD)																				
1.	Summer	116	21	250																				
2.	Winter	116	6	265																				
3.	Rainy	116	2	269																				
8.	Rain water recharging detail	The entire run off will be harvested through rain water harvesting pits. The roof runoff will be recharged directly to the ground. The surface runoff will be properly channelized to the de-silting and oil removal before the recharge																						
9.	Solid waste generation and its disposal	a) 1124 kg/day b) Solid wastes will be appropriately segregated (at source by providing bins) into recyclable, Bio-degradable Components, and non- bio-degradable. c) The recyclable waste will be sold to authorized recyclers. d) Mechanical composter will be provided for the Bio-degradable components. e) Inert waste will be dumped to designated dumping site.																						
10	Hazardous Waste	Used oil from DG sets will be sold to registered recyclers.																						
11.	Energy Requirements & Saving	a) 2500 KW from PSPCL. b) DG set of capacity: 1x500 KVA & 1x 300 KVA c) Use of LED lamps (300 Nos) in common areas and Energy efficient electrical gadgets shall be used in the complex d) Solar energy will be used for street light (10 Nos) on the roads as well as in the parks e) 100 ltr solar heated water will be used to save the energy																						
12.	Environment Management Plan along with Budgetary break up phase wise and	During construction phase, director of the company will be responsible for implementation of the EMP. During operation phase, association of the residents or MC who so ever takes over the project, will be responsible for implementation of EMP.																						

	responsibility to implement	<table><tr><th>Description</th><th>Capital Cost</th><th>Recurring Cost (per annum)</th><th>Monitoring of Air, Noise water (per annum)</th></tr><tr><td>Construction</td><td>Rs. 105 lac</td><td>Rs 4.5 Lac</td><td>Rs 5.9 lac</td></tr><tr><td>Operation</td><td>-</td><td>Rs.9.5 lac</td><td>Rs 6.9 lac</td></tr></table>	Description	Capital Cost	Recurring Cost (per annum)	Monitoring of Air, Noise water (per annum)	Construction	Rs. 105 lac	Rs 4.5 Lac	Rs 5.9 lac	Operation	-	Rs.9.5 lac	Rs 6.9 lac
Description	Capital Cost	Recurring Cost (per annum)	Monitoring of Air, Noise water (per annum)											
Construction	Rs. 105 lac	Rs 4.5 Lac	Rs 5.9 lac											
Operation	-	Rs.9.5 lac	Rs 6.9 lac											
13.	CSR activities alongwith budgetary break up and responsibility to implement	Director of the Company will be responsible for implementation of the CSR activities. Rs. 10 Lacs will be spent towards following CSR activities: - a) Widening of road in the vicinity of the project. b) Toilets for girls in the nearest village school												
14	Other important facts	<ul style="list-style-type: none">➤ The project site is located at Kharar and the land for the proposed project confirms to the land use as per the Master plan.➤ No wildlife sanctuaries/parks falls within 10 km of the project site.➤ The EO, MC, Kharar vide its letter no.1101 dated 08.09.2016 has reported that till now no sewerage has been laid in the area where said project is coming up. However, when the same will be laid, the project proponent will be allowed to discharge its waste water into sewer on its own cost.➤ The EO, MC, Kharar vide its letter no.1102 dated 08.09.2016 has reported that the solid waste generated from the project site will be collected by MC, Kharar on payment.➤ The ambient air, ambient noise, soil and ground water monitoring has been got done for all the parameters as per the prescribed norms. The concentration of all the parameters is found in the permissible limits.												

➤ The details of the documents submitted with the application are as under: -

Sr. No.	Description	Status
1.	Properly filled Form 1 & 1A	Submitted.

2.	<p>(a) In case(s) where land has already been purchased/acquired: Proof of ownership of land</p> <p>(b) In case where land is yet to be purchased/acquired: Proof of ownership of land (existing owner) such as copy of latest Jamabandi (not more than one month old) and credible document showing status of land acquisition w.r.t. project site as prescribed in OM dated 07.10.2014 issued by MoEF)</p>	Submitted.
3.	Copy of Master Plan of the area showing land use pattern of the proposed site/certificate from Competent Authority intimating land use pattern of the project site as per proposals of Master Plan of the area.	Submitted.
4.	Layout plan duly approved by the Competent Authority / Conceptual plan of the project.	Submitted
5.	Topographical map of the area showing Contour Plan. In case of Area Development Projects, the Contour Plan should reflect the true existing physical features of the site and may be prepared by the project proponent w.r.t. some permanent reference marks.	Submitted
6.	Status of construction, if any, along with photographs from all the four sides.	Submitted
7.	500 meter radius map of the area from periphery of project site clearly indicating the various industries (specifically red category industries) and structures lying in the area.	Submitted
8.	<p>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 showing the following:</p> <p>i) Location of STP ii) Solid waste storage area iii) Green belt iv) Parking space v) RWH and water recharge pits vi) Fire fighting equipment layout vii) First aid room viii) Location of Tubewells ix) DG Sets and Transformers x) Any other utilities</p>	<p>(i) Marked (ii) Marked (iii) Marked (iv) Marked (v) Marked (vi) Marked (vii) Marked (viii) Marked (ix) Marked (x) Marked</p>
9.	<p>Permission of Competent Authority for;</p> <p>a) Water and Sewerage connection</p> <p>A letter from concerned Local Body / Authority giving details about existing status of sewer connectivity and availability of water supply in the area and acceptance of Local Body for taking the</p>	a) Submitted

	quantity of sewage to be generated by the proposed project and providing the water supply. Existing position of public sewer and water supply line duly marked on the layout map / plan.	
	b) Collection of Solid waste	b) Submitted
10.	Water balance chart for summer, rainy and winter seasons indicating critical requirements	Submitted
11.	Availability of adequate land for use of treated sewage and plantation.	Not Applicable
12.	<p>Analysis reports of ambient air, ground water and noise levels from NABL/MoEF Accredited laboratories as per detail below:</p> <p>(i) The field data sheets as prescribed by SEIAA, Punjab which are available on the official website of SEIAA, Punjab along with exact location of sampling / monitoring point marked on the layout map should be filled at the time of sample collection/monitoring by the Lab and should be attached with the water, air, noise & soil monitoring reports.</p> <p>(ii) Water, air, noise & soil monitoring reports more than 6 months old or prior to date of signing of consent letters/agreement with the land owner shall not be accepted w.e.f. June, 1st 2015 onwards.</p> <p>(iii) Atleast one groundwater sample from the shallow / first aquifer and in case groundwater is to be abstracted for drinking purposes then atleast one groundwater sample from the said aquifer should be monitored and reports be attached accordingly.</p>	<p>(i) Submitted</p> <p>(ii) Submitted</p> <p>(iii) Submitted</p>
13.	Quantification of energy saved and renewable energy devices used.	Submitted
14.	Drawing showing plumbing systems for use of fresh, treated and hot water	Submitted
15.	Construction schedule (PERT/CPM Chart)	Submitted
16.	<p>Undertaking(s) for;</p> <p>a) Constitution of Environment Monitoring Cell which shall be responsible for implementation of EMP</p> <p>b) Use of ready mix concrete or use of fly ash during construction.</p> <p>c) To provide Fire Fighting System.</p> <p>d) To provide safety measure.</p>	Submitted

	e) To provide adequate safety measures for the construction workers during the construction phase.	
17.	<p>Environmental Management Plan indicating the following:</p> <p>a) All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.</p> <p>b) Compliance of various environmental regulations.</p> <p>c) Steps to be taken in case of emergency such as accidents at the site including fire.</p> <p>d) For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.</p> <p>e) Capital & recurring cost for the EMP per year and the details of funds for the same.</p> <p>f) Name of the individual persons / organization, who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.</p>	Submitted
18.	Corporate Social Responsibility indicating various activities to be undertaken, provisions of funds for the same, the period for which the same is to be implemented and the person(s) responsible for the implementation of the same.	Submitted
19.	Traffic Circulation System and connectivity with a view to ensure adequate parking, conflict free movements, Energy efficient Public Transport.	Submitted
20.	Disaster/Risk Assessment and Management Plan.	Submitted
21.	Copy of Memorandum of Article & Association / partnership deed / undertaking of sole proprietorship / list of Directors and names of other persons responsible for managing the day-to-day affairs of the project.	Submitted
22.	In case of expansion projects, compliance report of earlier granted environmental clearance conditions verified by Northern Regional Office of Ministry of Environment, Forests & Climate Change, Chandigarh.	Submitted.
23.	Copy of presentation to be made before the SEAC at the time of appraisal in PDF format having size less than 25 MB.	Submitted.

24.	The process of submitting an application for obtaining environmental clearance has been made completely online and after the acceptance of environmental clearance application by SEIAA, the system generates an automated acknowledgement asking project proponent to submit hard copy of the accepted application. If project proponent is asked to submit hardcopy prior to scrutiny of environmental clearance application online by SEIAA or after its acceptance by SEIAA, then the project proponent will submit a hard copy of the environmental clearance application alongwith other documents.	Being submitted
25	For expansion projects: i. All the columns in the application form may be got filled in three parallel columns i.e. Existing, Proposed and Total. ii. In case of increase in no. of story's, Structural Safety/ Stability Certificate may be required from the Approved Engineer. iii. The existing building plan may be got super imposed with the proposed building plan and be marked in different colors. iv. Specify the adequacy of internal water supply system, sewer line and STP for the proposed expansion/revision.	i) Submitted ii) Not Applicable iii) No expansion in flats iv) Construction not started for said works
26	The project site might be falling within a distance of 10 kms from the wildlife sanctuary and 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. 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.	Not Applicable. While grant of environmental clearance, the project proponent had submitted a letter no. 1771 dated 13.07.2016 issued by Department of Forest & Wildlife, Chandigarh Administration wherein the distance of the project from Sukhna Wildlife Sanctuary and City Bird Sanctuary has been shown as 15.50KM and 11.25KM respectively.

The case is placed before the SEAC for consideration.

Item No.166.24: Application for obtaining environmental clearance under EIA Notification dated 14.09.2006 for expansion of group housing project namely "Sushma Grande NXT" located in revenue estate of Village Gazipur, Zirakpur, Derabassi, SAS Nagar Mohali, Punjab by M/s SBL Builders Pvt. Ltd. (Proposal no SIA/PB/NCP /74930/2018)

The facts of the case are as under: -

Earlier, M/s SBL Builders Pvt. Ltd. was granted Environmental Clearance by SEIAA, Punjab vide letter no. 2171 dated 21.03.2016 for construction of Group Housing Project namely "Sushma Chandigarh Grande Ext." in an area of 124,03.85 sqm having total built up area of 35007 sqm in the revenue estate of the Village Gazipur, Zirakpur, Distt. S.A.S. Punjab subject to certain conditions.

The project proponent has filed an application for obtaining environmental clearance under EIA Notification dated 14.09.2006 for expansion of group housing project namely "**Sushma Grande NXT**" located in revenue estate of Village Gazipur, Zirakpur, Derabassi, SAS Nagar Mohali, Punjab by M/s SBL Builders Pvt. Ltd. (Proposal no SIA/PB/NCP/74930/2018. The details of the project as given in Form 1, Form 1A and other documents are as under: -

1.	Category/Item No. (in schedule)	8(a): Group Housing project			
2.	Name and Location of the project	"Sushma Grande NXT" located in revenue estate of Village Gazipur, Zirakpur, Derabassi, SAS Nagar Mohali, Punjab			
4.	Total Plot area, Built- up Area and Green area	The details of the group housing project is as under:			
			Old	New	Total
		Land	12403.85	-	12403.85
		Built- up area	35007sqm	361 sqm	35368 Sqm
		Flats	240	20	260
5.	Population (when fully inhabited)	Residential population of 1300 Persons.			
6.	Water Requirements & source	Break up of water requirement		Source	
		Total: 272 KLD		-	
		Domestic:260 KLD Green Area: 12 KLD			
		Fresh: 202 KLD		Ground Water	
		Flushing: 58 KLD		Treated waste	

		Green Area 2117 sqm : 12 KLD	water Treated waste water			
7.	Disposal Arrangement of Waste water	Total = 208 KLD, which will be treated in the STP of capacity 225 KLD to be installed in the project premises.				
		S.No.	Season	For Flushing purposes (KLD)	Green Area 2117 sqm (KLD)	Into MC SEWER (KLD)
		1.	Summer	58	12	138
		2.	Winter	58	4	146
		3.	Rainy	58	-	150
8.	Rain water recharging detail	About 5687 m ³ /annum of rain water is estimated to be harvested into the ground water through rain water harvesting wells.				
9.	Solid waste generation and its disposal	a) 520 kg/day b) Solid wastes will be appropriately segregated (at source by providing bins) into recyclable, Bio-degradable Components, and non-bio-degradable. Chute will be provided to segregate the waste. c) The recyclable waste will be sold to authorized recyclers. d) Mechanical composter will be provided for the Bio-degradable components. e) Inert waste will be dumped to Municipal Council dumping site.				
10	Hazardous Waste	Used oil from DG sets will be sold to registered recyclers.				
11.	Energy Requirements & Saving	a) 1400 KVA from PSPCL. b) 1x240 KVA & 2 x 125 KVA (silent DG sets) <u>Energy Saving</u> a) Use of Solar water heating system shall be encouraged in the group housing. b) Solar energy will be used for street light on the roads as well as in the parks in phased manner. c) Use of LED lamps shall be encouraged. Energy efficient electrical gadgets shall be used.				
12.	Environment Management Plan along with Budgetary break up phase wise and responsibility to implement	During construction phase, General Manager will be responsible for implementation of the EMP During operation phase, association of the residents or M.C who so ever takes over the project will be responsible for implementation of EMP				

		Description	Capital Cost	Recurring Cost (per annum)	Monitoring of Air, Noise water (per annum)
		Construction	Rs. 84.5 lac	Rs 8.0 Lac	Rs.5.9 lac
		Operation	-	Rs.10 lac	Rs.6.9 lac
13.	CSR activities alongwith budgetary break up and responsibility to implement	Director of the company will be responsible for implementation of the CSR activities. Rs. 10 Lacs will be spent towards maintenance of Municipal Council park.			
14	Other important facts	<ul style="list-style-type: none"> ➤ The project site is located at Gazipur, Zirakpur. The land for the proposed project confirms to the land use as per the Master plan. CLU has been granted by the competent authority. ➤ No wildlife sanctuaries/parks falls within 10 km of the project site. ➤ The MC, Zirakpur vide letter no. 2839 dated 17.09.2015 has issued NOC to the project proponent to the effect that the treated wastewater of the proposed project of quantity 110 KLD can be discharged into sewer after depositing requisite charges. ➤ The EO, MC, Zirakpur vide its letter no.2838 dated 17.09.2015 has reported that the solid waste generated from the project site will be collected by MC, on payment. ➤ The ambient air, ambient noise, soil and ground water monitoring has been got done for all the parameters as per the prescribed norms. The concentration of all the parameters is found in the permissible limits. 			

➤ The details of the documents submitted with the application are as under: -

Sr. No.	Description	Status
1.	Properly filled Form 1 & 1A	Submitted.
2.	<p>(a) In case(s) where land has already been purchased/acquired: Proof of ownership of land</p> <p>(b) In case where land is yet to be purchased/acquired: Proof of ownership of land (existing owner) such as copy of latest Jamabandi (not more than one month old) and credible document showing status of land acquisition w.r.t. project site as prescribed in OM dated 07.10.2014 issued by MoEF)</p>	<p>Submitted.</p> <p>Submitted.</p>

3.	Copy of Master Plan of the area showing land use pattern of the proposed site/certificate from Competent Authority intimating land use pattern of the project site as per proposals of Master Plan of the area.	CLU Submitted
4.	Layout plan duly approved by the Competent Authority / Conceptual plan of the project.	Submitted
5.	Topographical map of the area showing Contour Plan. In case of Area Development Projects, the Contour Plan should reflect the true existing physical features of the site and may be prepared by the project proponent w.r.t. some permanent reference marks.	Submitted
6.	Status of construction, if any, along with photographs from all the four sides.	Submitted
7.	500 meter radius map of the area from periphery of project site clearly indicating the various industries (specifically red category industries) and structures lying in the area.	Submitted
8.	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 showing the following: i) Location of STP ii) Solid waste storage area iii) Green belt iv) Parking space v) RWH and water recharge pits vi) Fire fighting equipment layout vii) First aid room viii) Location of Tubewells ix) DG Sets and Transformers x) Any other utilities	(i) Marked (ii) Marked (iii) Marked (iv) Marked (v) Marked (vi) Marked (vii) Marked (viii) Marked (ix) Marked (x) Marked
9.	Permission of Competent Authority for; a) Water and Sewerage connection A letter from concerned Local Body / Authority giving details about existing status of sewer connectivity and availability of water supply in the area and acceptance of Local Body for taking the quantity of sewage to be generated by the proposed project and providing the water supply. Existing position of public sewer and water supply line duly marked on the layout map / plan. b) Collection of Solid waste	a) Submitted b) Submitted
10.	Water balance chart for summer, rainy and winter seasons indicating critical requirements	Submitted




11.	Availability of adequate land for use of treated sewage and plantation.	Not Applicable
12.	<p>Analysis reports of ambient air, ground water and noise levels from NABL/MoEF Accredited laboratories as per detail below:</p> <p>(i) The field data sheets as prescribed by SEIAA, Punjab which are available on the official website of SEIAA, Punjab along with exact location of sampling / monitoring point marked on the layout map should be filled at the time of sample collection/monitoring by the Lab and should be attached with the water, air, noise & soil monitoring reports.</p> <p>(ii) Water, air, noise & soil monitoring reports more than 6 months old or prior to date of signing of consent letters/agreement with the land owner shall not be accepted w.e.f. June, 1st 2015 onwards.</p> <p>(iii) Atleast one groundwater sample from the shallow / first aquifer and in case groundwater is to be abstracted for drinking purposes then atleast one groundwater sample from the said aquifer should be monitored and reports be attached accordingly.</p>	<p>(i) Submitted</p> <p>(ii) Submitted</p> <p>(iii) Submitted</p>
13.	Quantification of energy saved and renewable energy devices used.	Submitted
14.	Drawing showing plumbing systems for use of fresh, treated and hot water	Submitted
15.	Construction schedule (PERT/CPM Chart)	Submitted
16.	<p>Undertaking(s) for;</p> <p>a) Constitution of Environment Monitoring Cell which shall be responsible for implementation of EMP</p> <p>b) Use of ready mix concrete or use of fly ash during construction.</p> <p>c) To provide Fire Fighting System.</p> <p>d) To provide safety measure.</p> <p>e) To provide adequate safety measures for the construction workers during the construction phase.</p>	Submitted
17.	<p>Environmental Management Plan indicating the following:</p> <p>a) All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project.</p>	<p>a) Submitted</p> <p>b) Submitted</p>

	<p>b) Compliance of various environmental regulations.</p> <p>c) Steps to be taken in case of emergency such as accidents at the site including fire.</p> <p>d) For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.</p> <p>e) Capital & recurring cost for the EMP per year and the details of funds for the same.</p> <p>f) Name of the individual persons / organization, who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.</p>	<p>c) Submitted</p> <p>d) Submitted</p> <p>e) Submitted</p> <p>f) submitted</p>
18.	Corporate Social Responsibility indicating various activities to be undertaken, provisions of funds for the same, the period for which the same is to be implemented and the person(s) responsible for the implementation of the same.	Submitted
19.	Traffic Circulation System and connectivity with a view to ensure adequate parking, conflict free movements, Energy efficient Public Transport.	Submitted
20.	Disaster/Risk Assessment and Management Plan.	Submitted
21.	Copy of Memorandum of Article & Association / partnership deed / undertaking of sole proprietorship / list of Directors and names of other persons responsible for managing the day-to-day affairs of the project.	Submitted
22.	In case of expansion projects, compliance report of earlier granted environmental clearance conditions verified by Northern Regional Office of Ministry of Environment, Forests & Climate Change, Chandigarh.	Submitted (compliance report dated 10.10.2017 is attached as Annexure-A)
23.	Copy of presentation to be made before the SEAC at the time of appraisal in PDF format having size less than 25 MB.	Will be provided.
24.	The process of submitting an application for obtaining environmental clearance has been made completely online and after the acceptance of environmental clearance application by SEIAA, the system generates an automated acknowledgement asking project proponent to submit hard copy of the accepted application. If project proponent is asked to submit hardcopy prior to scrutiny of environmental clearance application online by SEIAA or after its acceptance by SEIAA, then the project proponent will submit	Will be submitted

	a hard copy of the environmental clearance application alongwith other documents.	
25	<p>For expansion projects:</p> <p>i. All the columns in the application form may be got filled in three parallel columns i.e. Existing, Proposed and Total.</p> <p>ii. In case of increase in no. of story's, Structural Safety/ Stability Certificate may be required from the Approved Engineer.</p> <p>iii. The existing building plan may be got super imposed with the proposed building plan and be marked in different colors.</p> <p>iv. Specify the adequacy of internal water supply system, sewer line and STP for the proposed expansion/revision.</p>	<p>i) Submitted</p> <p>ii) Submitted</p> <p>iii) Vertical Expansion (No further detail provided)</p> <p>iv) Construction not started for said works</p>
26	<p>The project site might be falling within a distance of 10 kms from the wildlife sanctuary and 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. 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>Applicable.</p> <p>While obtaining environmental clearance for Sushma Chandigarh Grande Ext. Gazipur, Zirakpur, the project proponent had submitted a copy of acknowledgement alongwith set of application filed before Chief Wildlife Warden, Punchkula, Haryana for obtaining wildlife clearance from NBWL and a following condition regarding NBWL has been imposed during grant of EC: -</p> <p>"The project proponent shall also obtain permission from the NBWL, if applicable."</p>

The case is placed before the SEAC for consideration.

Annexure-A

 भारत सरकार पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय GOVERNMENT OF INDIA MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE		दूरभाष नं० Telephone No. : +91-172-2638994 फ़ैक्स नं० Fax No. : +91-172-2638135 उत्तर क्षेत्रीय कार्यालय, बंग नं० 24 – 25, सेक्टर – 31 ए, दक्षिण मार्ग, चंडीगढ़ – 160030 Northern Regional Office Bays No. 24 – 25, Sector – 31 A, Dakshin Marg, Chandigarh – 160030 E-mail: chdmoeenv@gmail.com ajay.mehrotra13@gov.in
क्रमांक: 16-1/2017-RO (NZ) / 385	दिनांक: 10.10.2017	
प्रति, निदेशक (अनुवीक्षण सैल), पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, इंदिरा पर्यावरण भवन, जोर बाग रोड, अलीगंज, नई दिल्ली – 110003		
विषय:- Environmental Clearance for group housing project namely “Sushma Chandigarh Grande Ext. Gazipur, Zirakpur by M/s SBL Builders Pvt. Ltd.- Certification of compliance reg.		
संदर्भ: Letter No. SEIAA/2016/2172-80 dated 21.3.2016.		
महोदय, उपरोक्त संदर्भित पत्रांक के संदर्भ में उक्त परियोजना को पर्यावरणीय दृष्टिकोण से अनुमति देते समय अनुबद्ध शर्तों के अनुपालन एवं certification of compliance के निर्देशानुसार, अनुवीक्षण प्रतिवेदन (मॉनिटरिंग रिपोर्ट) एतद् द्वारा संलग्न कर प्रेषित है।		
संलग्न: उपरोक्तानुसार	भवदीय, सलाहकार	
प्रतिलिपि:- ✓ Project Director, M/s SBL Builders Pvt Ltd., SCO 59, Top floor, Sector 32 C, Chandigarh 160032 for information and necessary action.		
	 सलाहकार	
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Ministry of Environment, Forest & Climate Change
Northern Regional Office,
Chandigarh-160030
MONITORING REPORT
PART – I
DATA SHEET

1.	Project Type	Construction (Group Housing) Project
2.	Name of the Project	Construction of a Group Housing Project namely "Sushma Chandigarh Grande Ext. Gazipur", Zirakpur by M/s SBL Builders Private Ltd.
3.	Clearance letter (s)/ O.M No. & dates	SEIAA/2016/2171, Dated 21.03.2016
4.	Location a) District (s) b) State (s) c) Latitudes/Longitudes	S.A.S. Nagar Punjab 30°38'23" N / 76°49'39" E
5.	Address for correspondence a) Address of Concerned Project Chief Engineer (with Pin Code/ Tel No./ Telex/Fax No./E-mail address) b) Address of Executive Project Engineer/Manager (with Pin Code/ Tel No./ Telex/Fax No./E-mail address)	M/s SBL Builders (P) Limited. SCO- 59, Top Floor, Sector 32-C, Chandigarh – 160 032, T: 0172-4610092 Email: sushmabuildtech@yahoo.com Same as above
6.	Salient features a) of the project b) of the environmental management plans	Total plot area is 12,403 m ² and total built up area will be about 35,007 m ² as per documents submitted. Total water requirement for the project will be 240 KL/day, out of which 198 KL/day will be met through ground water. Remaining 42 KL/day will be met through recycling of treated wastewater. Total wastewater generation from the project will be 192 KL/day.
7.	Break-up of the project area	Total plot area (approx): Existing – 12,403 m ² . Proposed – No change Built-up area (approx): Existing EC – 35,007 m ² . Proposed – 35,368 m ²
8.	Break-up of project affected population	No, as submitted.
9.	Financial details: a) Project cost as originally planned and subsequent revised estimates and the year of price reference	Total Cost: Rs. 50 Crores (2016-17)

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	b) Allocations made for environmental management plans with item wise and year wise break up	Not submitted by PA
	c) Benefit cost ratio/internal rate of return and the year of assessment	NA
	d) Whether (c) includes the cost of environmental management as shown in b) above	Yes
	e) Actual expenditure incurred on the project so far	Approx. 8.03 Crores (31.07.2017)
	f) Actual expenditure incurred on the environmental management plans so far	Approx. 8 Lakhs (Approx)
10.	Forest land requirement:	NA
11.	The status of clear felling in non-forest areas	Nil
12.	Status of construction:	
	a) Date of commencement (<i>actual and/or planned</i>)	December, 2016
	b) Date of completion (<i>actual and/or planned</i>)	May, 2020 (Planned)
13.	Reasons for the delay, if the project is yet to start	NA
14.	Dates of site visits	
	a) Date of previous site visit:	-
	b) Date of present site visit:	13.09.2017
15.	List of participants:	
	a) From M/s SBL Builders Pvt. Ltd.	Sh. Yogendra Pawar (DGM)
	b) From NRO, MoEFCC, Chandigarh:	Sh. Puran Singh Gosain (Project Manager-Civil) Dr. Vimal Kumar Hatwal, Joint Director (S)
16.	Details of correspondence with project Authorities for obtaining act on plans/information on status of compliance to safeguards other than the routine letters for logistic support for site visits). (The first monitoring report may contain the details of all the letters issued so far, but the later reports may cover only the letter issued subsequently)	As below
Date	Letter from RO	Date Reply from PA
-	-	DD.12.16 Comp. with analytical data submitted.
-	-	12.01.17 Comp. with analytical data submitted.

	horticulture/landscape development within the project site.	stored for use for horticulture/landscape within the project site.
(ii)	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off after taking the necessary precautions for general safety and health aspects of people with the approval of competent authority.	Being Complied. It was submitted that no muck shall be allowed for disposal outside the site. All muck is being used within the site to balance cut and fill.
(iii)	Construction spoils, including bituminous material and other hazardous material, must not be allowed to contaminate watercourses and the dump sites for such material must be secured, so that they should not leach into the groundwater.	Being Complied. It was submitted that no hazardous material is being generated other than the used oil from the DG Sets.
(iv)	Construction/provision of the STP, tube-well, DG Sets, Utilities etc earmarked by the project proponent on the layout plan, should be made in the earmarked area only. In any case the position/location of these utilities should not be changed later on.	Being Complied. As the project is still under construction, PA submitted that the construction/provision of the utilities will be done as per the approved layout plan. Thus, condition is considered as complied for the present visit.
(v)	Vehicles hired for bringing construction material to the site and other machinery to be used during construction should be in good condition and should conform to applicable air and noise emission standards.	Being Complied. Only vehicles with PUC are being permitted for bringing construction material, as submitted.
(vi)	Ambient noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase.	Being Complied. Ambient noise level monitoring was carried out by the Chandigarh Pollution Testing Laboratory at project site on six monthly basis. Copy of report shows parameters within limits.
(vii)	The project proponent shall use only treated sewage/wastewater for construction activities and no fresh water for this purpose will be used. The project proponent shall treat sewage with UV/Ozonator technology prior to use in construction activities.	Not Complied. It was noticed during the visit that the water from the borewell (Photo 1) was in use for various purposes. It was argued that STP treated water is being used for construction activities. However, no documentary support was provided during the visit. Further, there was no system (UV/Ozonator technology) installed for the further treatment of sewage water. It was argued that the treated water is clean enough to use without further treatment. However, in the absence of supportive documents and evidences as stipulated, this condition is considered as not complied for the present visit.
(viii)	Fly ash should be used as construction material in the construction as per the provisions of Fly Ash Notification of September, 1999 and as amended in August, 2003 and notification No. S.O. 2804 (E) dated 03.11.2009 (This condition is applicable only	Being Complied. PA has claimed that approximately 275 MT fly-ash has been used till date. Further, 25% of fly-ash is being used as PPC. Thus, condition is considered as complied for the present visit.

**PART-II
STATUS OF COMPLIANCE
&
PART-III
DETAILED MONITORING REPORT
SEIAA/2016/2171, Dated 21.03.2016**

(A) Specific Conditions : Pre- Construction Phase

(i)	"Consent to Establish" shall be obtained from Punjab Pollution Control Board under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974 and a copy of the same shall be submitted to the Ministry of Environment & Forest / State Level Environment Impact Assessment Authority (SEIAA) before the start of any construction work at site.	Not Complied. It was submitted that Consent to Establish under Air and Water Act has been applied with PPCB. However, copy of the same has not been submitted to MoEFCC. Thus, condition is considered as not complied for the present visit.
(ii)	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Being Complied. It was informed that more than 60 workers are currently working on site. All of them are local people and residing outside the project premises.
(iii)	A first aid room will be provided in the project both during construction and operation phase of the project.	Being Complied. First aid facility has been provided at site.
(iv)	The approval of the competent authority shall be obtained for structural safety of the buildings due to earthquakes, adequacy of fire fighting equipments etc. as per National building Code including protection measures from lightning.	Not Complied. PA had submitted that this condition has been complied in the design. However, approval of the competent authority has not been submitted as per condition.
(v)	Provision shall be made for the housing of construction labour with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, disposal of waste water & solid waste in an environmentally sound manner, 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.	Agreed to Comply. It was informed by the PA that more than 60 workers are currently working on site. All of them are local people and residing nearby area by their own. Hence, this condition was not considered for the present visit.
(vi)	Any appeal against the environmental clearance 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.	Agreed to Comply.

Specific Conditions : Construction Phase

(i)	All the top soil excavated during activities should be stored for use in	Being Complied. Approximately 19,000 cubic meters top soil has been excavated and safely
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	collected by providing chute system and proper onsite storage facility (covered) should be provided at site.	solid waste is being collected by the Zirakpur municipal council. Thus, condition is considered as complied for the present visit.
(xviii)	The project proponent will provide storage tank of adequate capacity for storage of wastewater and efforts shall be made to supply the treated wastewater for use in construction activity to the extent possible and only left out wastewater shall be discharged into sewer.	Agreed to Comply as submitted by PA. PA has assured to abide by the condition.

(B) General Conditions : Pre- Construction Phase

(i)	This environmental clearance will be valid for a period of five years from the date of its issue or till the completion of the project, whichever is earlier.	Noted and Agreed by the PA as submitted.
(ii)	The environmental safeguards contained in the application of the promoter/mentioned during the presentation before State Level Environment Impact Assessment Authority/State Expert Appraisal Committee should be implemented in letter and spirit.	Noted and Agreed by the PA as submitted.
(iii)	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, by projected proponents from the competent authorities including PPCB and other statutory bodies as applicable. The project proponent shall also obtain permission from the NBWL, if applicable.	Not Complied. It was submitted that permission under WLP is not applicable. For other statutory clearances PA submitted that applicable approvals and permissions will be obtained as and when required. However, Consent to Establish under Air and Water Act has not been submitted yet. Therefore, condition is considered as not complied for the present visit.
(iv)	The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Punjab Pollution Control Board. The advertisement should be made within seven days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office, Ministry of Environment & Forests, Chandigarh and SEIAA, Punjab.	Not Complied. PA did not submit the copy of the advertisements as per condition. Thus, condition is considered as not complied for the present visit.
(v)	These stipulations would be enforced among others under the provisions of Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, Environmental (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.	Noted and Agreed by the PA as submitted.
(vi)	The project proponent shall obtain permission from the CGWA for abstraction of groundwater & digging of borewell(s) and	Not Complied. It was noticed that one borewell was present at site in working condition

	if the project is within 100 km of Thermal Power Station)	
(ix)	Water demand during construction should be reduced by use of premixed concrete, curing agents and other best practices. Ready mixed concrete should be used in building construction as far as possible.	Being Complied. It was informed by the PA that ready mixed concrete are being used for construction purposes and assured to abide by the conditions in future as the construction work just in its initial phase.
(x)	The project proponent shall adopt dual plumbing system for reuse of treated wastewater for flushing system & HVAC etc.	Agreed to Comply as submitted by PA. PA has assured to abide by the condition.
(xi)	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.	Agreed to Comply as submitted by PA. PA has assured to abide by the condition.
(xii)	Adequate steps shall be taken to conserve energy by limiting the use of glass, provision of proper thermal insulation and taking measures as prescribed under the Energy Conservation Building Code.	Agreed to Comply as submitted by PA. PA has assured to abide by the condition.
(xiii)	The approval of competent authority shall be obtained for structural safety of the buildings due to earthquakes, adequacy for fire-fighting equipments etc. As per National Building Code including protection measures from lightning.	Same as Condition no (iv) of Specific Conditions (Pre- Construction Phase)
(xiv)	The diesel generator sets used during used during construction phase should be low sulphur diesel type and to the provisions of Environment (Protection) Act, 1986 prescribed for air and noise emission standards.	Being Complied. Two DG sets of 125 KVA and 63 KVA were being used for power back up at site. At present very small amount of diesel is required and low sulphur diesel was being purchased on daily basis. Thus, condition is considered as complied for the present visit.
(xv)	The project proponent will provide dual plumbing system for reuse of treated wastewater for flushing HVAC purposes etc. and colour coding of different pipeline carrying water/waste water/ treated waste water as follow: a) Fresh Water: Blue b) Untreated wastewater: Black c) Treated Wastewater (for reuse): Green d) Treated wastewater (for discharge): Yellow e) Storm Water: Orange	Agreed to Comply as submitted by PA. PA has assured to abide by the condition.
(xvi)	The installation of Sewage Treatment Plant (STP) and adequacy of disposal system should be certified by Punjab Pollution Control Board and a report in this regard should be submitted to the Ministry of Environment and Forests/ SEIAA before the project is Commission for operation.	Agreed to Comply as submitted by PA. PA has assured to abide by the condition.
(xvii)	The solid waste generated should be properly	Being Complied. It was informed by the PA that

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	shall not abstract any groundwater without prior written permission of the CGWA, even if any borewell (s) exist at site.	without water meter and permission from CGWA. Although PA has submitted that it was there from the last few years and permission is still awaited. Hence, condition is considered as not complied for the present visit.
(vii)	The project proponent shall obtain CLU from the competent authority, if any authority insists.	Not Complied. Copy of the same has not been submitted as per condition. Hence, condition is considered as not complied for the present visit.
(viii)	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban local body and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall be put on the website of the company of the proponent.	Not Complied. It was claimed that a copy of clearance letter has been uploaded on the website; no such EC letter was found on the Company's website. http://www.sushma.co.in/Residential/Ongoing/Zirakpur-Chandigarh-National-Highway/3BHK-Apartment-Flat/Sushma-Grande-Nxt.php#facilities (accessed on 09.10.2017) Hence, condition is considered as not complied for the present visit.
(ix)	The state Environment Impact Assessment Authority, Punjab reserves the right to add additional safeguard/measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the environment (protection) act, 1986, to ensure effective implementation of the suggested safeguards/measures in a time bound and satisfactory manner.	Noted and Agreed by the PA as submitted.

General Conditions : Construction Phase

(i)	The environmental safeguards contained in the application of the prompter/ mentioned during the presentation before State Level Environment Impact Assessment Authority / State Expert Appraisal Committee should be implemented in letter and spirit.	Same as Condition no (i) of General Conditions (Pre- Construction Phase)
(ii)	The entire cost of the environmental management plan (i.e. capital cost as well as recurring cost) 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 after obtaining prior permission of the Punjab Pollution Control Board.	Noted and Agreed by the PA as submitted.
(iii)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by mail) to the respective regional office of MoEF, the Zonal Office of CPCB, the SPCB and SEIAA, Punjab.	Being Complied. PA has been submitting six monthly reports along with analytical data to the regional office as evident from point 16 of Data sheet.

(iv)	Officials from the regional office of Ministry of Environment Impact Assessment Authority / State Level Environment Impact Assessment Authority / State Level Expert Appraisal Committee / Punjab Pollution Control Board who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/ data by the project proponents during their inspection. A complete set of all the documents submitted to State Environment Impact Assessment Authority should be forwarded to the CCF, Regional Office of Ministry of Environment and Forests, Chandigarh and State Level Environment Impact Assessment Authority, Punjab.	Being Complied. Proper cooperation was provided during this visit.
(v)	In the case of any changes in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority, Punjab.	Noted and Agreed by the PA as submitted.
(vi)	Separate distribution pipelines be laid down for use of treated effluent / raw water for horticulture / gardening purposes with different color coding.	Agreed to Comply as submitted by PA. PA has assured to abide by the condition.
(vii)	The project proponent shall adhere to the commitments made in the Environment Management Plan and Corporate Social Responsibility and shall spend then amount as proposed or atleast minimum required to be spent under the provisions of the Companies Act 1956, whichever is higher.	Noted and Agreed by the PA as submitted.
(viii)	The State Environment Impact Assessment Authority, Punjab reserves the right to add additional safeguards/measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguards/measures in a time bound and satisfactory manner.	Noted and Agreed by the PA as submitted.
(ix)	Separation of drinking water supply and treated sewage supply should be done by the use of dual plumbing line.	Noted and Agreed by the PA as submitted.

(C)	Specific Conditions (Operation Phase and Entire Life); General Conditions (Operation Phase and Entire Life)	Since construction work is its initial stage, conditions pertaining to operational phase & entire life will be reviewed later.
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Concluding Remarks:

M/s SBL Builders Private Ltd. is developing a Group Housing (Sushma Chandigarh Grande Ext.) at Zirakpur, District S.A.S. Nagar (Photo 2). The project involves total 12,403 m² of land area, which will remain same for the expansion of the project. Total built-up area is proposed to be increased from 35,007 m² to 35,368

079

m² as per the details submitted. Around 2% of construction work has finished till date. Out of proposed 3 towers, 2 (B & C) blocks were at initial stages of their construction on the date of visit.

Tower	Proposed Floors	Structure Completed
A.	GF + 13	Not started yet
B.	GF + 13	GF + 1
C.	GF + 13	GF + 1
D.	Club	Finished

1. Chronology of events:

Letter Dated	Action
05.04.2017	: PA has requested Regional Office of the Ministry for issuance of certification.
11.04.2017	: Regional Office requested for additional information w.r.t. issuance of certification.
17.08.2017	: Requisite information was submitted by PA.
13.09.2017	: Site Visit for the certified report of the status of the compliance of environmental safeguards in view of further expansion proposed by the PA.

2. Implementation of Conditions: It is inferred that implementation of some environmental safeguards needs sincere attentions with time bound action. It is further evident from the above review that:

- Monitoring data of noise, air and water quality are being submitted with the six monthly reports.
- Green belt development at the project site requires attention.
- Copy of the Consent to Establish under Air and Water Act has not been submitted yet.
- Permission to abstract ground water has not been submitted yet.
- Copy of the CLU has not been submitted yet.

3. Housekeeping: Overall it was found satisfactory.

4. Review w.r.t. MOEFs letter dated 30.5.2012: The report was prepared after site visit on 13.09.17.

5. With regards to issuance of show cause/closure notices: None, as informed.

Vimal
13/09/17
Joint Director (S)



Photo 1: Borewell at site.

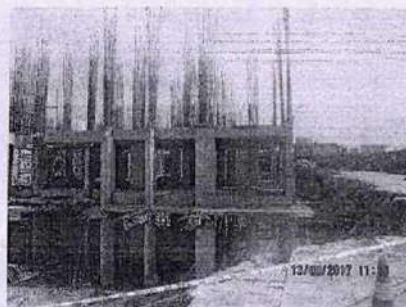


Photo 2: Construction site.

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Item No.167.25: Application for obtaining environmental clearance under EIA Notification dated 14.09.2006 for establishment of group housing project namely "Imperial Apartments" located at Zirakpur, Tehsil Derabassi Distt. SAS Nagar Mohali, Punjab by M/s Harmony Colonisers Pvt Ltd. (Proposal no SIA/PB/NCP/74916/2018)

The facts of the case are as under: -

The project proponent has filed an application for obtaining Environment Clearance under EIA notification, 2006 for establishment of a group housing project namely "Imperial Apartments" located at Zirakpur, Tehsil Derabassi Distt. SAS Nagar Mohali, Punjab. The details of the project as given in Form 1, Form 1A and other documents are as under: -

1.	Category/Item No. (in schedule)	8(a): Group Housing project																							
2.	Name and Location of the project	Imperial Apartments located at Zirakpur, Tehsil Derabassi Distt. SAS Nagar Mohali, Punjab																							
4.	Total Plot area, Built- up Area and Green area	The details of the group housing project is as under: <table><tr><td>Size of the project</td><td colspan="3">28672 Sqm</td></tr><tr><td>Built up area</td><td colspan="3">64328 Sqm</td></tr><tr><td>Total no of flats & shops</td><td colspan="3">520 flats and 17 shops</td></tr><tr><td>Green Area</td><td colspan="3">4332 sqm</td></tr><tr><td>Cost of project</td><td colspan="3">75 Cr</td></tr></table>				Size of the project	28672 Sqm			Built up area	64328 Sqm			Total no of flats & shops	520 flats and 17 shops			Green Area	4332 sqm			Cost of project	75 Cr		
Size of the project	28672 Sqm																								
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Total no of flats & shops	520 flats and 17 shops																								
Green Area	4332 sqm																								
Cost of project	75 Cr																								
5.	Population (when fully inhabited)	Residential population of 2600 Persons. 34 person for Shops.																							
6.	Water Requirements & source	Break up of water requirement		Source																					
		Total: 376 KLD Domestic: 352 KLD Green Area: 24 KLD Fresh: 235 KLD Flushing: 117 KLD Green Area 4332 sqm : 24 KLD		- Ground Water Treated waste water Treated waste water																					
7.	Disposal Arrangement of Waste water	Total = 281 KLD, which will be treated in the STP of capacity 425 KLD to be installed in the project premises. <table><tr><td>S.No.</td><td>Season</td><td>For Flushing purposes (KLD)</td><td>Green Area 4332 sqm (KLD)</td><td>Into MC SEWER (KLD)</td></tr><tr><td>1.</td><td>Summer</td><td>117</td><td>24</td><td>140</td></tr><tr><td>2.</td><td>Winter</td><td>117</td><td>05</td><td>159</td></tr><tr><td>3.</td><td>Rainy</td><td>117</td><td>02</td><td>162</td></tr></table>				S.No.	Season	For Flushing purposes (KLD)	Green Area 4332 sqm (KLD)	Into MC SEWER (KLD)	1.	Summer	117	24	140	2.	Winter	117	05	159	3.	Rainy	117	02	162
S.No.	Season	For Flushing purposes (KLD)	Green Area 4332 sqm (KLD)	Into MC SEWER (KLD)																					
1.	Summer	117	24	140																					
2.	Winter	117	05	159																					
3.	Rainy	117	02	162																					

8.	Rain water recharging detail	About 13600 m ³ /annum of rain water is estimated to be harvested into the ground water through rain water harvesting wells												
9.	Solid waste generation and its disposal	a) 1047 kg/day b) Solid wastes will be appropriately segregated (at source by providing bins) into recyclable, Bio-degradable Components, and non- bio-degradable. Chute will be provided to segregate the waste c) The recyclable waste will be sold to authorized recyclers. d) Inert waste will be dumped to designating dumping site.												
10	Hazardous Waste	Used oil from DG sets will be sold to registered recyclers.												
11.	Energy Requirements & Saving	a) 2700 KW from PSPCL. b) 1 X 500 KVA, 2x240 KVA, 1x 125 KVA (silent DG sets) Energy Saving:- a) Use of Solar water heating system shall be encouraged in the group housing. b) Solar energy will be used for street light on the roads as well as in the parks in phased manner. c) Use of LED lamps shall be encouraged. Energy efficient electrical gadgets shall be used.												
12.	Environment Management Plan along with Budgetary break up phase wise and responsibility to implement	<div>During construction phase, Director of the company will be responsible for implementation of the EMP. During operation phase, association of the residents or M.C who so ever takes over the project will be responsible for implementation of EMP.</div> <table><tr><th>Description</th><th>Capital Cost</th><th>Recurring Cost (per annum)</th><th>Monitoring of Air, Noise water (per annum)</th></tr><tr><td>Construction</td><td>Rs. 94.5 lac</td><td>Rs. 7.5 Lac</td><td>5.9</td></tr><tr><td>Operation</td><td>-</td><td>Rs.10 lac</td><td>6.9</td></tr></table>	Description	Capital Cost	Recurring Cost (per annum)	Monitoring of Air, Noise water (per annum)	Construction	Rs. 94.5 lac	Rs. 7.5 Lac	5.9	Operation	-	Rs.10 lac	6.9
Description	Capital Cost	Recurring Cost (per annum)	Monitoring of Air, Noise water (per annum)											
Construction	Rs. 94.5 lac	Rs. 7.5 Lac	5.9											
Operation	-	Rs.10 lac	6.9											
13.	CSR activities alongwith budgetary break up and responsibility to implement	Director of the company will be responsible for the implementation of CSR activities. Rs. 10 Lacs will be spent towards following CSR activities:- <ul style="list-style-type: none">Environment awareness camps will be provided within the 10 Km areaKishanpura village roads will be repaired.These all the activities will be done with the consultation of the villagers.												
14	Other important facts	<ul style="list-style-type: none">➤ The project site is located at Zirakpur. The land for the proposed project confirms to the land use as per the Master plan.➤ No wildlife sanctuaries/parks falls within 10 km of the												

		<p>project site.</p> <ul style="list-style-type: none"> ➤ The project proponent submitted a letter issued by the Executive officer, Municipal Council, Zirakpur vide letter no. 448/BB dated 17.04.2018 to the effect that sewerage connection of the Group Housing project can be made for the discharge of 191 KLD treated waste water with the main sewerage of Municipal Council, after depositing the requisite charges. ➤ The project proponent submitted a letter issued by the Executive officer, Municipal Council, Zirakpur vide letter no. 449/BB dated 17.04.2018 to the effect that Municipal Council will make arrangement for collection and disposal of waste & expenditure occurred on handling of waste will be borne by the project proponent ➤ The ambient air, ambient noise, soil and ground water monitoring has been got done for all the parameters as per the prescribed norms. The concentration of all the parameters is found in the permissible limits.
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➤ The details of the documents submitted with the application are as under: -

Sr. No.	Description	Status
1.	Properly filled Form 1 & 1A	Submitted.
2.	<p>(a) In case(s) where land has already been purchased/acquired: Proof of ownership of land</p> <p>(b) In case where land is yet to be purchased/acquired: Proof of ownership of land (existing owner) such as copy of latest Jamabandi (not more than one month old) and credible document showing status of land acquisition w.r.t. project site as prescribed in OM dated 07.10.2014 issued by MoEF)</p>	Submitted.
3.	Copy of Master Plan of the area showing land use pattern of the proposed site/certificate from Competent Authority intimating land use pattern of the project site as per proposals of Master Plan of the area.	Submitted
4.	Layout plan duly approved by the Competent Authority / Conceptual plan of the project.	Submitted
5.	Topographical map of the area showing Contour Plan. In case of Area Development Projects, the Contour Plan should reflect the true existing physical features of the site and may be prepared by the project proponent w.r.t. some permanent reference marks.	Submitted
6.	Status of construction, if any, along with photographs from all the four sides.	Submitted

7.	500 meter radius map of the area from periphery of project site clearly indicating the various industries (specifically red category industries) and structures lying in the area.	Submitted
8.	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 showing the following: i) Location of STP ii) Solid waste storage area iii) Green belt iv) Parking space v) RWH and water recharge pits vi) Fire fighting equipment layout vii) First aid room viii) Location of Tubewells ix) DG Sets and Transformers x) Any other utilities	(i) Marked (ii) Marked (iii) Marked (iv) Marked (v) Marked (vi) Marked (vii) Marked (viii) Marked (ix) Marked (x) Marked
9.	Permission of Competent Authority for; a) Water and Sewerage connection A letter from concerned Local Body / Authority giving details about existing status of sewer connectivity and availability of water supply in the area and acceptance of Local Body for taking the quantity of sewage to be generated by the proposed project and providing the water supply. Existing position of public sewer and water supply line duly marked on the layout map / plan. b) Collection of Solid waste	a) Submitted b) Submitted
10.	Water balance chart for summer, rainy and winter seasons indicating critical requirements	Submitted
11.	Availability of adequate land for use of treated sewage and plantation.	Submitted
12.	Analysis reports of ambient air, ground water and noise levels from NABL/MoEF Accredited laboratories as per detail below: (i) The field data sheets as prescribed by SEIAA, Punjab which are available on the official website of SEIAA, Punjab along with exact location of sampling / monitoring point marked on the layout map should be filled at the time of sample collection/monitoring by the Lab and should be attached with the water, air, noise & soil monitoring reports. (ii) Water, air, noise & soil monitoring reports more than 6 months old or prior to date of signing of consent letters/agreement with the land owner shall not be accepted w.e.f. June, 1st 2015 onwards.	(i) Submitted (ii) Submitted

	(iii) Atleast one groundwater sample from the shallow / first aquifer and in case groundwater is to be abstracted for drinking purposes then atleast one groundwater sample from the said aquifer should be monitored and reports be attached accordingly.	(iii) Submitted
13.	Quantification of energy saved and renewable energy devices used.	Submitted
14.	Drawing showing plumbing systems for use of fresh, treated and hot water	Submitted
15.	Construction schedule (PERT/CPM Chart)	Submitted
16.	Undertaking(s) for; a) Constitution of Environment Monitoring Cell which shall be responsible for implementation of EMP b) Use of ready mix concrete or use of fly ash during construction. c) To provide Fire Fighting System. d) To provide safety measure. e) To provide adequate safety measures for the construction workers during the construction phase.	Submitted
17.	Environmental Management Plan indicating the following: a) All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project. b) Compliance of various environmental regulations. c) Steps to be taken in case of emergency such as accidents at the site including fire. d) For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP. e) Capital & recurring cost for the EMP per year and the details of funds for the same. f) Name of the individual persons / organization, who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.	a) Submitted b) Submitted c) Submitted d) Submitted e) Submitted f) Submitted
18.	Corporate Social Responsibility indicating various activities to be undertaken, provisions of funds for the same, the period for which the same is to be implemented and the person(s) responsible for the implementation of the same.	Submitted
19.	Traffic Circulation System and connectivity with a view to ensure adequate parking, conflict free movements, Energy efficient Public Transport.	Submitted
20.	Disaster/Risk Assessment and Management Plan.	Submitted

21.	Copy of Memorandum of Article & Association / partnership deed / undertaking of sole proprietorship / list of Directors and names of other persons responsible for managing the day-to-day affairs of the project.	Submitted
22.	In case of expansion projects, compliance report of earlier granted environmental clearance conditions verified by Northern Regional Office of Ministry of Environment, Forests & Climate Change, Chandigarh.	Not applicable as fresh application for the Environmental Clearance has been submitted
23.	Copy of presentation to be made before the SEAC at the time of appraisal in PDF format having size less than 25 MB.	To be submitted.
24.	The process of submitting an application for obtaining environmental clearance has been made completely online and after the acceptance of environmental clearance application by SEIAA, the system generates an automated acknowledgement asking project proponent to submit hard copy of the accepted application. If project proponent is asked to submit hardcopy prior to scrutiny of environmental clearance application online by SEIAA or after its acceptance by SEIAA, then the project proponent will submit a hard copy of the environmental clearance application alongwith other documents.	Submitted
25	For expansion projects: i. All the columns in the application form may be got filled in three parallel columns i.e. Existing, Proposed and Total. ii. In case of increase in no. of story's, Structural Safety/ Stability Certificate may be required from the Approved Engineer. iii. The existing building plan may be got super imposed with the proposed building plan and be marked in different colors. iv. Specify the adequacy of internal water supply system, sewer line and STP for the proposed expansion/revision.	Not applicable as fresh application for the Environmental Clearance has been submitted
26	The project site might be falling within a distance of 10 kms from the wildlife sanctuary and 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. 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.	Not Applicable

Environmental Engineer, PPCB, Regional office, Mohali was requested vide email dated 18.05.2018 to send the construction status of the project site. Environmental Engineer, Punjab Pollution Control Board, Regional office, Mohali vide

email dated 21/05/2018 reported that the project site was visited by AEE of his office on 18.05.2018. During the visit, it was observed that the site is surrounded by many housing projects. No construction activity has yet been started at the site.

The case is placed before the SEAC for consideration.

Item No.167.26: Application for obtaining environmental clearance under EIA Notification dated 14.09.2006 for establishment of group housing project namely "Hermitage Centralis" located at Zirakpur, Tehsil Derabassi Distt. SAS Nagar Mohali, Punjab by M/s Hermitage Infra Developers (Proposal no SIA/PB/NCP/74716/2018)

The facts of the case are as under: -

M/s Hermitage Infra Developers has filed an application for obtaining environmental clearance under EIA Notification dated 14.09.2006 for establishment of group housing project namely "Hermitage Centralis" located at Zirakpur, Tehsil Derabassi Distt. SAS Nagar Mohali, Punjab. The details of the project as given in Form 1, Form 1A and other documents are as under: -

1.	Category/Item No. (in schedule)	8(a): Group Housing project																			
2.	Name and Location of the project	Hermitage Centralis located at Zirakpur, Tehsil Derabassi Distt. SAS Nagar Mohali, Punjab																			
4.	Total Plot area, Built- up Area and Green area	The details of the group housing project is as under: <table><tr><th>S. No.</th><th>Description</th><th>Details</th></tr><tr><td>1.</td><td>Size of the project</td><td>29054 Sqm</td></tr><tr><td>2.</td><td>Built up area</td><td>75143 Sqm</td></tr><tr><td>3.</td><td>Total no of flats</td><td>452 Flats</td></tr><tr><td>4.</td><td>Green Area</td><td>6426 sqm</td></tr></table>					S. No.	Description	Details	1.	Size of the project	29054 Sqm	2.	Built up area	75143 Sqm	3.	Total no of flats	452 Flats	4.	Green Area	6426 sqm
S. No.	Description	Details																			
1.	Size of the project	29054 Sqm																			
2.	Built up area	75143 Sqm																			
3.	Total no of flats	452 Flats																			
4.	Green Area	6426 sqm																			
5.	Population (when fully inhabited)	Residential population of 2260 Persons.																			
6.	Water Requirements & source	Break up of water requirement		Source																	
		Total: 340 KLD Domestic:305 KLD Green Area: 35 KLD Fresh: 204 KLD Flushing: 101 KLD Green Area 6426 sqm : 35 KLD		- Ground Water Treated waste water Treated waste water																	
7.	Disposal Arrangement of Waste water	Total = 244 KLD, which will be treated in the STP of capacity 375 KLD to be installed in the project premises. <table><tr><th>S.No.</th><th>Season</th><th>For Flushing purposes (KLD)</th><th>Green Area 6426 sqm (KLD)</th><th>Into MC SEWER (KLD)</th></tr><tr><td>1.</td><td>Summer</td><td>101</td><td>35</td><td>108</td></tr></table>					S.No.	Season	For Flushing purposes (KLD)	Green Area 6426 sqm (KLD)	Into MC SEWER (KLD)	1.	Summer	101	35	108					
S.No.	Season	For Flushing purposes (KLD)	Green Area 6426 sqm (KLD)	Into MC SEWER (KLD)																	
1.	Summer	101	35	108																	

		2.	Winter	101	11	132
		3.	Rainy	101	3	140
8.	Rain water recharging detail	12709 m3/annum of rain water is estimated to be harvested into the ground water through rain water harvesting wells.				
9.	Solid waste generation and its disposal	a) 904 kg/day b) Solid wastes will be appropriately segregated (at source by providing bins) into recyclable, Bio-degradable Components, and non- bio-degradable. Chute will be provided to segregate the waste. c) The recyclable waste will be sold to authorized recyclers. d) Mechanical composter will be provided for the Bio-degradable components. e) Inert waste will be dumped to designated dumping site of Municipal Council.				
10	Hazardous Waste	Used oil from DG sets will be sold to registered recyclers.				
11.	Energy Requirements & Saving.	a) 2350 KW from PSPCL. b) 2x240, 2x 125 KVA & 1 500 KVA (Silent DG sets) c) Use of Solar water heating system shall be encouraged in the group housing. d) Solar energy will be used for street light on the roads as well as in the parks in phased manner. e) Use of LED lamps shall be encouraged. Energy efficient electrical gadgets shall be used				
12.	Environment Management Plan along with Budgetary break up phase wise and responsibility to implement	During construction phase, General Manager Projects will be responsible for implementation of the EMP. During operation phase, Partner of the company till the handing over of the project to M.C or to the association of residents will be responsible for implementation of the EMP.				
		Description	Capital Cost	Recurring Cost (per annum)	Monitoring of Air, Noise water (per annum)	
		Construction	Rs. 108.5 lac	Rs 7.0 Lac	Rs 5.9 Lacs	
		Operation	-	Rs.10.5 lac	Rs 6.9 Lacs	
13.	CSR activities alongwith budgetary break up and responsibility to implement	Partner of the company will be responsible for implementation of CSR. Rs 10 Lac will be utilized for following CSR activities: - a) Parks will be maintained of M.C Zirakpur				

		b) Toilets for girls in the nearby government school in the village falls under MC Zirakpur.
14	Other important facts	<ul style="list-style-type: none"> ➤ The project site is located at Zirakpur. The land for the proposed project confirms to the land use as per the Master plan. ➤ No wildlife sanctuaries/parks falls within 10 km of the project site. ➤ The project proponent submitted a letter issued by the Executive officer, Municipal Council, Zirakpur vide letter no. 75/BB dated 05.04.2018 to the effect that sewerage connection of the Group Housing project can be made for the discharge of 350 KLD treated waste water with the main sewerage of Municipal Council, after depositing the requisite charges. ➤ The project proponent submitted a letter issued by the Executive officer, Municipal Council, Zirakpur vide letter no. 76/BB dated 05.04.2018 to the effect that Municipal Council will make arrangement for collection and disposal of waste & expenditure occurred on handling of waste will be borne by the project proponent. ➤ The ambient air, ambient noise, soil and ground water monitoring has been got done for all the parameters as per the prescribed norms. The concentration of all the parameters is found in the permissible limits.

➤ The details of the documents submitted with the application are as under: -

Sr. No.	Description	Status
1.	Properly filled Form 1 & 1A	Submitted.
2.	<p>(a) In case(s) where land has already been purchased/acquired:</p> <p>Proof of ownership of land</p> <p>(b) In case where land is yet to be purchased/acquired:</p> <p>Proof of ownership of land (existing owner) such as copy of latest Jamabandi (not more than one month old) and credible document showing status of land</p>	<p>Submitted.</p> <p>Submitted.</p>

	acquisition w.r.t. project site as prescribed in OM dated 07.10.2014 issued by MoEF)	
3.	Copy of Master Plan of the area showing land use pattern of the proposed site/certificate from Competent Authority intimating land use pattern of the project site as per proposals of Master Plan of the area.	Submitted
4.	Layout plan duly approved by the Competent Authority / Conceptual plan of the project.	Submitted
5.	Topographical map of the area showing Contour Plan. In case of Area Development Projects, the Contour Plan should reflect the true existing physical features of the site and may be prepared by the project proponent w.r.t. some permanent reference marks.	Submitted
6.	Status of construction, if any, along with photographs from all the four sides.	Submitted
7.	500 meter radius map of the area from periphery of project site clearly indicating the various industries (specifically red category industries) and structures lying in the area.	Submitted
8.	<p>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 showing the following:</p> <ul style="list-style-type: none"> i) Location of STP ii) Solid waste storage area iii) Green belt iv) Parking space v) RWH and water recharge pits vi) Fire fighting equipment layout vii) First aid room viii) Location of Tubewells ix) DG Sets and Transformers 	<ul style="list-style-type: none"> (i) Marked (ii) Marked (iii) Marked (iv) Marked (v) Marked (vi) Marked (vii) Marked (viii) Marked (ix) Marked

	x) Any other utilities	(x) Marked
9.	<p>Permission of Competent Authority for;</p> <p>a) Water and Sewerage connection</p> <p>A letter from concerned Local Body / Authority giving details about existing status of sewer connectivity and availability of water supply in the area and acceptance of Local Body for taking the quantity of sewage to be generated by the proposed project and providing the water supply. Existing position of public sewer and water supply line duly marked on the layout map / plan.</p> <p>b) Collection of Solid waste</p>	<p>a) Submitted</p> <p>b) Submitted</p>
10.	Water balance chart for summer, rainy and winter seasons indicating critical requirements	Submitted
11.	Availability of adequate land for use of treated sewage and plantation.	Submitted
12.	<p>Analysis reports of ambient air, ground water and noise levels from NABL/MoEF Accredited laboratories as per detail below:</p> <p>(i) The field data sheets as prescribed by SEIAA, Punjab which are available on the official website of SEIAA, Punjab along with exact location of sampling / monitoring point marked on the layout map should be filled at the time of sample collection/monitoring by the Lab and should be attached with the water, air, noise & soil monitoring reports.</p> <p>(ii) Water, air, noise & soil monitoring reports more than 6 months old or prior to date of signing of consent letters/agreement with the land owner shall not be accepted w.e.f. June, 1st 2015 onwards.</p>	<p>(i) Submitted</p> <p>(ii) Submitted</p> <p>(iii) Submitted</p>

	(iii) Atleast one groundwater sample from the shallow / first aquifer and in case groundwater is to be abstracted for drinking purposes then atleast one groundwater sample from the said aquifer should be monitored and reports be attached accordingly.	
13.	Quantification of energy saved and renewable energy devices used.	Submitted
14.	Drawing showing plumbing systems for use of fresh, treated and hot water	Submitted
15.	Construction schedule (PERT/CPM Chart)	Submitted
16.	Undertaking(s) for; a) Constitution of Environment Monitoring Cell which shall be responsible for implementation of EMP b) Use of ready mix concrete or use of fly ash during construction. c) To provide Fire Fighting System. d) To provide safety measure. e) To provide adequate safety measures for the construction workers during the construction phase.	Submitted
17.	Environmental Management Plan indicating the following: a) All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project. b) Compliance of various environmental regulations. c) Steps to be taken in case of emergency such as accidents at the site including fire. d) For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.	a) Submitted b) Submitted c) Submitted d) Submitted e) Submitted f) Submitted

	<p>e) Capital & recurring cost for the EMP per year and the details of funds for the same.</p> <p>f) Name of the individual persons / organization, who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.</p>	
18.	Corporate Social Responsibility indicating various activities to be undertaken, provisions of funds for the same, the period for which the same is to be implemented and the person(s) responsible for the implementation of the same.	Submitted
19.	Traffic Circulation System and connectivity with a view to ensure adequate parking, conflict free movements, Energy efficient Public Transport.	Submitted
20.	Disaster/Risk Assessment and Management Plan.	Submitted
21.	Copy of Memorandum of Article & Association / partnership deed / undertaking of sole proprietorship / list of Directors and names of other persons responsible for managing the day-to-day affairs of the project.	Submitted
22.	In case of expansion projects, compliance report of earlier granted environmental clearance conditions verified by Northern Regional Office of Ministry of Environment, Forests & Climate Change, Chandigarh.	Not applicable as fresh application for the Environmental Clearance has been submitted
23.	Copy of presentation to be made before the SEAC at the time of appraisal in PDF format having size less than 25 MB.	To be submitted.
24.	The process of submitting an application for obtaining environmental clearance has been made completely online and after the acceptance of environmental clearance application by SEIAA, the system generates an automated acknowledgement asking project proponent to submit hard copy of the accepted application. If project proponent is asked to submit hardcopy prior to scrutiny of environmental clearance	Submitted

	application online by SEIAA or after its acceptance by SEIAA, then the project proponent will submit a hard copy of the environmental clearance application alongwith other documents.	
25	<p>For expansion projects:</p> <p>i. All the columns in the application form may be got filled in three parallel columns i.e. Existing, Proposed and Total.</p> <p>ii. In case of increase in no. of story's, Structural Safety/ Stability Certificate may be required from the Approved Engineer.</p> <p>iii. The existing building plan may be got super imposed with the proposed building plan and be marked in different colors.</p> <p>iv. Specify the adequacy of internal water supply system, sewer line and STP for the proposed expansion/revision.</p>	Not applicable as fresh application for the Environmental Clearance has been submitted
26	The project site might be falling within a distance of 10 kms from the wildlife sanctuary and 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. 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.	Not Applicable

Environmental Engineer, PPCB, Regional office, Mohali was requested vide email dated 18.05.2018 to send the construction status of the project site. Environmental Engineer, Punjab Pollution Control Board, Regional office, Mohali vide email dated 21/05/2018 reported that the project site was visited by AEE of his office on 18.05.2018. During the visit, it was observed that the site is surrounded by many housing projects and is adjoining to Maya Garden-3, Group Housing Project. The construction activity was in progress at the time of visit. The representative of project informed telephonically that the construction in progress is of "Hermitage

Centrals Commercial" and this site is adjoining to Group Housing Project namely "Hermitage Centrals", but not part of Group Housing Project. The construction activity has just recently been started for the foundation work. It is further submitted that the layout plan attached with the application is not legible, so as to verify that "Hermitage Centrals Commercial" is part of "Hermitage Centrals" or not. The project proponent was again requested vide email dated 22.05.2018 to provide legible layout plan to the Environmental Engineer, RO, Mohali and Environmental Engineer, RO, Mohali also requested vide email dated 22.05.2018 that after receipt of legible layout plan, fresh construction status report may please be sent so as to enable SEAC to proceed further in the matter. The said status report is yet awaited.

The case is placed before the SEAC for consideration.

Item no 167.27 Application for issuance of TORs for carrying out EIA study for obtaining Environmental clearance under EIA notification dated 14.09.2006 for establishment of 18 MW Biomass based Power Plant located in revenue estate of village Hakumat Singh Wala, Ferozeshah, Tehsil & District Firozpur by M/s Sukhbir Agro Energy Ltd. (Proposal no SIA/PB/THE/25813/2018)

The facts of case are as under:-

M/s Sukhbir Agro Energy Ltd. has submitted an application for issuance of TORs for carrying out EIA study for obtaining Environmental clearance under EIA notification dated 14.09.2006 for establishment of 18 MW Biomass based Power Plant located in revenue estate of village Hakumat Singh Wala, Ferozeshah, Tehsil & District Firozpur. The details of the project as given in form 1 and other documents are as under:-

Sr.No	Details	Information	
1.	Name of the Project	18 MW Biomass Based Thermal Power Plant of Sukhbir Agro Energy Limited	
2.	Regulatory Framework	1(d) Thermal Power Plants as per EIA notification 2006	
3.	Category	'B' Category (>15 MW plants based on biomass fuel)	
4.	Location	Plot No. 13M/23, 14M/24, 20M/13, 21/5/1, 12,19M/8 at village-Hukumat singh Wala, Tehsil-Firozpur, District-Firozpur, Punjab	
5.	Toposheet No.	44J/9 & 44J/13	
6.	Capacity	1 X18 MW= 18 MW	
7.	Name of Project Proponent	M/s. Sukhbir Agro Energy Limited	
8.	Area Requirement	Particulars	Area in SQM
		Built-up Land	19950
		Road Development	15000
		Green Belt	56700
		Storage Biomass	50500
		Open Areas	29558.12
		Total Area	171708.12
9.	Water Requirement	Cooling Water Circulation will be 6000 CuM/Hr (Capacity of Cooling Towers). Evaporation Loss will depend on season and will vary from 3-4%. Considering 3.5% loss, make-up water requirement will be 210 CuM/Hr. After adding requirement of Water for Green Belt Development & Human consumption, total requirement of Water has been estimated at 225 CuM/Hr.	
10.	Power Requirement	10 to 11 % of total power generation	
11.	Man Power	123 (Skilled/Semiskilled/Unskilled)	

12.	Project Cost	144.66Crore
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- SAEL proposed to set up an 18 MW biomass based thermal power plant to meet the power demand. This proposed project is purely independent not interlinked with any project. The proposed biomass based thermal power plant has capacity of 18 MW based on 100% paddy straw
- The proposed infrastructure of the power plant is detailed below:
 - (i) Main Power Building (Turbine & Boiler house)
 - (ii) Shaded Fuel Yard
 - (iii) DM Plant
 - (iv) Mechanical Workshop
 - (v) Switch Yard
 - (vi) Water Reservoir
 - (vii) Bag Filter & ESP
 - (viii) Open Fuel Yard etc.
 - (ix) Administrative building, Canteen & parking area is proposed inside the plant boundary

Boiler : Technical Parameters of Travelling Grate Boiler will be given below:

Design Parameters	Unit	Design
Boiler Parameters (100% BMCR) Steam flow at main Steam	TPH	80
Steam pressure at main Steam Stop Valve Outlet	Kg/cm ² (g)	95
Steam temperature at main Steam Stop Valve outlet at 100% MCR	Deg.C	540
Feed Water Temperature at Boiler Inlet	Deg.C	225
Design Code for Pressure Parts		IBR

- Boiler will be operating with Paddy Straw having GCV of 2800 Kcal/Kg.
- Flue gas from the Boiler will pass through an ESP so that dust concentration in the flue gas leaving ESP is reduced to 50 mg/Nm³ of Gas. Gas come out of ESP will be discharged into atmosphere through a Chimney of 30 M height.
- **Details of Specification of Turbo Generator**

Particulars	Specification
Type of Steam Turbine	Will be a slow speed Turbine (3000 RPM) & will be directly coupled to Generator Gear Box
Output	18 MW

Operating Condition Speed	3000 rpm
Inlet Steam Pressure	90 Kg/cm ²
Inlet Steam temperature	535 ⁰ C
Exhaust Steam Pressure	0.0094 Mpa (0.096 Kg/cm ²)
Feed Water Temperature after de-aerator	225 deg C
Inlet Steam Flow	73.8 T / Hour
Calculated Steam Rate	4.10 Kg / Kw-Hr
Calculated Heat Rate	10094 KJ / KW- Hr (2412 Kcal/ Kw-Hr)

- **Steam Balance:** The utilization of Steam would be as given below:

Sr.No	Particulars	Specific ations
1.	Steam Turbine Rating	18 MW
2.	Requirement of Steam at 100% PLF as per Qingdao's Specification	73.8 TPH
3.	Boiler Capacity	80 TPH
4.	Balance Steam Available	6.20
5.	Utilization of Boiler at Full Load of STG	92.25%

- Total 123 working person will be employed for proposed power plant. Locals will be preferred for semiskilled & unskilled work based on their qualification & capability.
- **Water:**
- (i) Cooling Water Circulation will be 6000 CuM/Hr (Capacity of Cooling Towers).
 - (ii) Evaporation Loss will depend on season and will vary from 3-4%. Considering 3.5% loss, make-up water requirement will be 210 CuM/Hr. After adding requirement of Water for Green Belt Development & Human consumption, total requirement of Water has been estimated at 225 CuM/Hr.
 - (iii) SAEL proposes to obtain water from Indira Gandhi Canal through lift system.
 - (iv) According to the CPCB green belt Development guidelines; 33% area of total plot area is proposed for plantation. Suitable local Plant species will be planted with adequate spacing to maintain or to develop the green cover in and around the plant area. 225 m³/day will be required for Greenbelt & Human consumption. The will be met from Indira Gandhi Canal.

- Quantity of wastes to be generated (liquid and solid) and scheme for their Management/ disposal

S. No.	Waste Generation	Unit	Quantity	Disposal
1.	Ash (Bottom Ash-80%) (Fly Ash-20%)	MT/Annum	42,000	Send to farmers as a manure for crops and Cement grinding Industry for their use
2.	Waste Water	Liter/Day	3659	Used for Dust Suppression & Green belt development

- STP of adequate capacity will be installed for treatment of wastewater.
- Generated ash will be stored in Silo and will be sent to Bricks manufactures and also to the local farmers.
- Municipal solid waste generated from the workers during construction phase and from admin building, pantry and other area. All solid waste will be stored properly and will be managed as per Solid Waste Management Rule, 2016 and as per directives.
- **Energy:**
Power generated will be transmitted to Plant end sub-station, where power would be fed to a 22.5 MVA Power Transformer, 11 KV/132 KV. Installation of 22.5 MVA Power. Transformer 11 KV/132 KV will suffice, as for meeting auxiliaries consumption which is between 10 to 11% of Power generation as per CERC Norms for TG Boiler with Water Cooled Condenser, 1 x 2.5 MVA, 11 KV/433 V Transformer will be installed.
- Risk is involved due to fire, spillages, and explosion. Proper fire-fighting will be designed in conformity with the recommendation of the Tariff Advisory Committee (TAC) of Insurance Association of India. Codes and Standards of National Fire Protection Association (NFPA) will be followed as applicable
- The details of the document submitted with the application are as under: -

1.	Properly filled Form 1 and basic information	Yes
2.	Pre-feasibility Report	Submitted
3.	Proof of ownership of land	Not submitted
4.	Copy of Memorandum of Article & Association / partnership deed / undertaking of sole proprietorship / list of Directors and names of other persons responsible for managing the day-to-day affairs of the project.	List of Board of Director submitted in PFR
5.	Draft ToRs	Submitted
6.	List of accredited EIA consultant organization with accredited sector of NABET	Submitted

Environmental Engineer, PPCB, Regional office, Faridkot was requested vide email dated 22.05.2018 to send the detail comments on the siting guidelines along with construction status of the project site. The said report is yet awaited.

The case is placed before the SEAC for its consideration.

Item no 167.28 Application for issuance of TORs for carrying out EIA study for obtaining Environmental clearance under EIA notification dated 14.09.2006 for establishment of 18 MW Biomass based Power Plant located in revenue estate of Village Sedha Singh Wala, Tehsil Jaito, District Faridkot by M/s Sukhbir Agro Energy Ltd. (Proposal no SIA/PB/THE/25814/2018)

The facts of case are as under:-

M/s Sukhbir Agro Energy Ltd. has submitted an application for issuance of TORs for carrying out EIA study for obtaining Environmental clearance under EIA notification dated 14.09.2006 for establishment of 18 MW Biomass based Power Plant located in revenue estate of Village Sedha Singh Wala, Tehsil Jaito, District Faridkot. The details of the project as given in form 1 and other documents are as under:-

S.No.	Details	Information	
1.	Name of the Project	18 MW Biomass Based Thermal Power Plant of M/s. Sukhbir Agro Energy Limited	
2.	Regulatory Framework	1(d) Thermal Power Plants as per EIA notification 2006	
3.	Category	'B' Category (> 15 MW plants based on biomass fuel)	
4.	Location	Khasara No. 206, 207, 214, 170, 171, 204, 205,571/172, 159,160, 161/1, 173, 174,572/172 at Village Sedha Singh Wala, Tehsil-Jaito, District-Faridkot, Punjab	
5.	Toposheet No.	44J/14, 44 J/15, 44 N/2 & 44 N/3	
6.	Capacity	1 X18 MW Biomass Based Thermal Power Plant	
7.	Name of Project Proponent	M/s Sukhbir Agro Energy Limited	
8.	Area Requirement	Particulars	Area in SQM
		Built-up Land	16500
		Road Development	12000
		Green Belt	35200.73
		Storage Biomass	37000
		Open Areas	5853
		Total Area	106553.73
9.	Water Requirement	Total Cooling Water Circulation will be 6000 CuM/Hr i.e. Capacity of Cooling Towers. Evaporation Loss will depend on season and will vary from 3-4%. Considering 3.5% loss, make-up water requirement will be 210 CuM/Hr. After adding requirement of Water for Green Belt Development & Human consumption, total requirement of Water has been estimated at 225 CuM/Hr.	
10.	Power Requirement	10 to 11 % of total power generation	

11.	Man Power	123 (Skilled/Semi-Skilled/Unskilled)
12.	Project Cost	141.25Crore

- SAEL proposed to set up an 18 MW biomass based thermal power plant to meet the power demand. This proposed project is purely independent not interlinked with any project. The proposed biomass based thermal power plant has capacity of 18 MW based on 100% paddy straw
- The proposed infrastructure of the power plant is detailed below:
 - (i) Main Power Building (Turbine & Boiler house)
 - (ii) Shaded Fuel Yard
 - (iii) DM Plant
 - (iv) Mechanical Workshop
 - (v) Switch Yard
 - (vi) Water Reservoir
 - (vii) Bag Filter & ESP
 - (viii) Open Fuel Yard etc.
 - (ix) Administrative building, Canteen & parking area is proposed inside the plant boundary

Boiler : Technical Parameters of Travelling Grate Boiler will be given below:

Design Parameters	Unit	Design
Boiler Parameters (100% BMCR) Steam flow at main Steam	TPH	80
Steam pressure at main Steam Stop Valve Outlet	Kg/cm ² (g)	95
Steam temperature at main Steam Stop Valve outlet at 100%	Deg.C	540
Feed Water Temperature at Boiler Inlet	Deg.C	225
Design Code for Pressure Parts		IBR

- Boiler will be operating with Paddy Straw having GCV of 2800 Kcal/Kg.
- Flue gas from the Boiler will pass through an ESP so that dust concentration in the flue gas leaving ESP is reduced to 50 mg/Nm³ of Gas. Gas come out of ESP will be discharged into atmosphere through a Chimney of 30 M height.
- **Details of Specification of Turbo Generator**

Particulars	Specification
Type of Steam Turbine	Will be a slow speed Turbine (3000 RPM) & will be directly coupled to Generator Gear Box
Output	18 MW
Operating Condition Speed	6300 rpm
Inlet Steam Pressure	90 Kg/cm ²
Inlet Steam temperature	535°C
Exhaust Steam Pressure	0.0094 Mpa (0.096 Kg/cm ²)

Feed Water Temperature after deaerator	225 deg C
Inlet Steam Flow	68.5 T / Hour
Calculated Steam Rate	3.805 Kg / Kw-Hr
Calculated Heat Rate	2313.25 Kcal/ Kw-Hr

- **Steam Balance:** The utilization of Steam would be as given below:

Sl. No.	Particulars	Specification
1.	Steam Turbine Rating	18 MW
2.	Requirement of Steam at 100% PLF as per BHEL's Specification	68.5 TPH
3.	Boiler Capacity	80 TPH
4.	Balance Steam Available	11.5
5.	Utilization of Boiler at Full Load of STG	85.63 %

- Total 123 working person will be employed for proposed power plant. Locals will be preferred for semiskilled & unskilled work based on their qualification & capability.

➤ **Water:**

(i) Cooling Water Circulation will be 6000 CuM/Hr (Capacity of Cooling Towers). Evaporation Loss will depend on season and will vary from 3-4%. Considering 3.5% loss, make-up water requirement will be 210 CuM/Hr.

(ii) After adding requirement of Water for Green Belt Development & Human consumption, total requirement of Water has been estimated at 225 CuM/Hr.

(iii) The proposed quantity of water will be obtained from Raunta (Jaitu) Rajwaha Canal through pipeline of 2.50 Km length.

- Quantity of wastes to be generated (liquid and solid) and scheme for their Management/ disposal

S. No.	Waste Generation	Unit	Quantity	Disposal
1.	Ash (Fly Ash-20%) (Bottom Ash-80%)	MT/Annum	42,000	Send to farmers as a manure for crops and Cement grinding Industry for their use
2.	Waste Water	Liter/Day	3659	Used for Dust Suppression & Green belt development

- STP of adequate capacity will be installed for treatment of wastewater.

- Generated ash will be stored in Silo and will be sent to Bricks manufactures and also to the local farmers.
- Municipal solid waste generated from the workers during construction phase and from admin building, pantry and other area. All solid waste will be stored properly and will be managed as per Solid Waste Management Rule, 2016 and as per directives.
- **Energy:**
- 10 to 11 % of total power generation is required for Power plant. For cold start, power will be import from Grid through 66 KV Power transmission line of Punjab State Power Corporation Limited
- Risk is involved due to fire, spillages, and explosion. Proper fire-fighting will be designed in conformity with the recommendation of the Tariff Advisory Committee (TAC) of Insurance Association of India. Codes and Standards of National Fire Protection Association (NFPA) will be followed as applicable
- The details of the document submitted with the application are as under: -

1.	Properly filled Form 1 and basic information	Yes
2.	Pre-feasibility Report	Submitted
3.	Proof of ownership of land	Not submitted
4.	Copy of Memorandum of Article & Association / partnership deed / undertaking of sole proprietorship / list of Directors and names of other persons responsible for managing the day-to-day affairs of the project.	List of Board of Director submitted in PFR
5.	Draft ToRs	Submitted
6.	List of accredited EIA consultant organization with accredited sector of NABET	Submitted

Environmental Engineer, PPCB, Regional office, Faridkot was requested vide email dated 22.05.2018 to send the detail comments on the siting guidelines along with construction status of the project site. The said report is yet awaited.

The case is placed before the SEAC for its consideration.

Item No.167.29 : Application for obtaining Environmental clearance under EIA notification dated 14.09.2006 for establishment of a Group Housing project namely "Belliston Avenue" at Village Gazipur, Zirakpur, Distt. S.A.S Nagar, Punjab by M/s. GVT Infra. (Proposal no. SIA/PB/NCP/72694/ 2018)

The facts of the case are as under: -

The project proponent has filed application for obtaining Environment Clearance under EIA notification, 2006 for establishment of a Group Housing Project namely "Belliston Avenue" at Village Gazipur, Zirakpur, Distt. S.A.S Nagar, Punjab by M/s. GVT Infra. The project is covered under category building construction 8(a) of the Schedule appended to the said notification. The project proponent has submitted the requisite documents with the Form 1 and Form 1A.

Environmental Engineer, PPCB, RO, Mohali was requested vide email dated 28.03.2018 to send the construction status of the project site. Environmental Engineer vide email dated 04.04.2018 reported that project site of Group Housing Project namely "Belliston Avenue" at Village Gazipur, Zirakpur, Distt. S.A.S Nagar, Punjab to be developed by M/s. GVT Infra, was visited by the AEE of his office on 29.03.2018. Sh. Rajnish Singla, Partner of the project was present at the time of visit. During the visit, it was observed that the proposed site is adjoining to housing project namely Crystal Homes & Green Valley Towers and opposite to Delhi Public School. No construction activity is being carried out, except the boundary wall, the construction work of which was in progress at the time of visit.

The case was placed in the agenda of 164th meeting of SEAC held on 10.04.2018 but could not be taken up due to paucity of time and was deferred.

The case was considered by the SEAC in its 165th meeting held on 21.04.2018, which was attended by the following on behalf of the project proponent:

- (i) Sh. Rajnish Singla, Partner of the Promoter Company.
- (ii) Smt. Priyanka Madan, Eco Laboratories & Consultants Pvt. Ltd., Mohali, Environmental Consultant of the promoter Company.

The SEAC allowed the project proponent to present the salient features of the project. Environmental Consultant of the promoter company presented the salient features of the project as under: -

Brief details of the project

1.	Category/Item No. (in schedule)	8(a): Group Housing project																																
2.	Name and Location of the project	Belliston Avenue, Village Gazipur, Zirakpur, S.A.S. Nagar (Mohali), Punjab																																
3.	Cost of the project	Rs. 55.32 Crores																																
4.	Total Plot area, Built-up Area and Green area	<div>The details of the area development project is as under:</div> <table><tr><th>S. No.</th><th>Description</th><th>Details in sqm</th></tr><tr><td>5.</td><td>Plot area</td><td>12,828.53 (3.17 acres)</td></tr><tr><td>6.</td><td>Built-up area</td><td>30,361.29</td></tr><tr><td>7.</td><td>Residential D.U.</td><td>218 D.U.</td></tr><tr><td>8.</td><td>Club building</td><td>384.85 sqm</td></tr><tr><td>9.</td><td>Total Water requirement</td><td>151 KLD</td></tr><tr><td>10.</td><td>Total Wastewater Generation</td><td>131 KLD</td></tr><tr><td>11.</td><td>Solid waste Generation</td><td>458 kg/day</td></tr><tr><td>12.</td><td>Rain water Recharging Pits</td><td>5 Pits</td></tr><tr><td>13.</td><td>Parking Proposed</td><td>230 ECS</td></tr></table>			S. No.	Description	Details in sqm	5.	Plot area	12,828.53 (3.17 acres)	6.	Built-up area	30,361.29	7.	Residential D.U.	218 D.U.	8.	Club building	384.85 sqm	9.	Total Water requirement	151 KLD	10.	Total Wastewater Generation	131 KLD	11.	Solid waste Generation	458 kg/day	12.	Rain water Recharging Pits	5 Pits	13.	Parking Proposed	230 ECS
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5.	Population	(i) Residential population of 1090 Persons. (ii) Club/ Floating population of 110 Persons.																																
6.	Water Requirements & source	<table><tr><th>Break up of water requirement</th><th>Source</th></tr><tr><td>Total: 163 KLD</td><td>-</td></tr><tr><td>Domestic: 151 KLD Green Area: 12 KLD</td><td>-</td></tr><tr><td>Fresh: 111 KLD Flushing: 40 KLD Green Area 2116.71 sqm : 12 KLD (Summer Season)</td><td>Tubewell Treated waste water Treated waste water</td></tr></table>	Break up of water requirement	Source	Total: 163 KLD	-	Domestic: 151 KLD Green Area: 12 KLD	-	Fresh: 111 KLD Flushing: 40 KLD Green Area 2116.71 sqm : 12 KLD (Summer Season)	Tubewell Treated waste water Treated waste water																								
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7.	Disposal Arrangement of Waste water	<p>Total = 121 KLD at inlet of STP & 119 KLD at outlet of STP</p> <p>Waste water will be treated in the STP based on MBBR technology of capacity of 150 KLD. 40 KLD treated waste water will be used for flushing purposes. The details of use of the treated waste water in green area is as under:-</p> <table><tr><th>S.No.</th><th>Season</th><th>KLD in an area of 2116.71 sqm</th><th>Into MC Sewer</th></tr><tr><td>1.</td><td>Summer</td><td>12</td><td>66</td></tr><tr><td>2.</td><td>Winter</td><td>4</td><td>74</td></tr><tr><td>3.</td><td>Rainy</td><td>1</td><td>77</td></tr></table>	S.No.	Season	KLD in an area of 2116.71 sqm	Into MC Sewer	1.	Summer	12	66	2.	Winter	4	74	3.	Rainy	1	77
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1.	Summer	12	66															
2.	Winter	4	74															
3.	Rainy	1	77															
8.	Rain water harvesting detail	5 Nos. rainwater harvesting will be provided for collection of rain water.																
9.	Solid waste generation and its disposal	<p>f) 458 kg/day</p> <p>g) Solid wastes will be appropriately segregated (at source by providing bins) into Bio-degradable Components, and non bio-degradable and domestic hazardous waste.</p> <p>h) Garbage Chute will be provided for primary collection of solid waste.</p> <p>i) Mechanical composter of capacity 200 Kg per day will be provided for the Bio-degradable components.</p> <p>j) The recyclable waste will be sold to authorized recyclers.</p> <p>k) Inert waste will be dumped to authorized dumping site.</p>																
10	Hazardous Waste & E-Waste	<p>a. Used oil from DG sets will be sold to registered recyclers.</p> <p>b. E-waste will be managed through approved vendors and will be handled as per E-waste (Management) Amendment Rules, 2018</p>																
11.	Energy Requirements & Saving	<p>f) 1000 KVA from PSPCL.</p> <p>g) 100 KW power will be generated through solar panels proposed on the 1156 rooftop area i.e. 30.6% of terrace. LED Lamps will be used for 218 no. flats.</p>																
12.	Environment Management Plan along with Budgetary break up phase wise and responsibility to implement	Mr. Rajnish Singla of M/s. GVT Infra will be responsible for implementation of EMP for 5 years and after the lapse of the period for which the project proponent is responsible, the welfare society of "Belliston Avenue" will be responsible for the same.																

		Description	Capital Cost	Recurring Cost (per annum)
		Construction	Rs. 178.5 lac	Rs. 7 lac
		Operation	-	Rs. 8 lac
		Monitoring of Air, Noise water.	-	Rs. 1 lac (construction phase) Rs. 1 lac (operation phase)
13.	CSR activities alongwith budgetary break up and responsibility to implement	<p>Mr. Rajnish Singla (Partner) of M/s. GVT Infra will be responsible for implementation of CSR (Corporate Social Responsibility) for 5 years. Rs. 2.5 Lakhs has been planned to be reserved for CSR. The following activities are covered under CSR:</p> <ul style="list-style-type: none"> i. Provision of boundary wall, additional beautification & plantation in nearby religious structure (Majjar) to have better community rapport: Rs. 1 lakh ii. Organizing Environment Awareness, Sanitation, Swatchta Abhiyaan camps in nearby villages like Gazipur, Kishanpura etc. adjoining the project site: Rs. 75,000 ii. Provision of medicines in Govt. Dispensary, Dhakoli: Rs. 75,000 		

➤ As per Master Plan of Zirakpur, the project site falls within the Residential zone.

After presentation, SEAC raised the following queries: -

1. Space requirement calculation of storage & treatment facility for Solid Waste Management and their provisions to be submitted.
2. To clarify as to whether cavity wall as proposed in the presentation is to be provided at site.
3. To clarify why STP based on MBBR technology preferred over SBR technology.
4. To clarify as to whether no. of rain water recharging pits has been proposed based on MoEF Guidelines and what type of fertilizers /pesticides/ insecticides will be utilized in the green area.
5. The project proponent has proposed CSR amount Rs. 2.5 Lac towards CSR activities which is too less.

Sh. Rajnish Singla, Partner of M/s Gvt Infra submitted an undertaking in

reply to the above queries raised by the SEAC, which was taken on record by the SEAC. The undertaking submitted by project proponent states as under: -

1. That the company has submitted detailed calculations of the space requirement for storage & treatment facility of Solid Waste Management alongwith a layout plan on which area required for biodegradable (14 sqm), mechanical composter (3 sqm) & recyclable waste garbage i.e. non-biodegradable (3 sqm) earmarked separately which was taken on record by SEAC.
2. That the company will either use AAC Blocks (Fly ash bricks) or hollow concrete blocks for the purpose of outer wall work.
3. STP based on SBR technology will be provided instead of MBBR as quantity of effluent & pollution load will be significantly less in the initial stages of occupancy.
4. Yes, the calculation of providing rainwater harvesting pits is based on the MoEF Guidelines. Oil & Grease trap will be used before rain water recharging pits for green park areas. Only Bio-fertilizer will be used. No chemical pesticides/ chemical fertilizer will be used in the green park areas.
5. That the company will spent total Rs. 10 Lac on account of following CSR activities during the next 5 years i.e. within the construction of the project.
 - a. An amount of Rs. 5 Lac will be deposited in Environment Protection Fund created by Punjab Pollution Control Board under Environmental Social Responsibility.
 - b. Remaining amount of Rs. 5 Lac will be spent as under: -
 - i. Provision of boundary wall, additional beautification & plantation in nearly religious structure (Majjar) to have better community rapport.
 - ii. Organizing environmental awareness sanitation, Swatcha Amhiyan, in nearby religious structure.
 - iii. Provisions of medicines in Govt. dispensary.

To an another query of SEAC regarding the location of existing public/ Municipal sewer for the disposal of treated waste water, the project proponent replied that existing sewer line is located at a distance of 800 m away from the project location and Municipal Council, Zirakpur has given the permission vide letter no. 5749/BB dated 27.02.2018 to discharge treated waste water into its sewerage system. SEAC noted that at present, there is no MC Sewer in the area and no time frame has been proposed by Municipal Council, Zirakpur by which sewerage system is to be provided in the vicinity of

the project. Moreover, project proponent has not clarified as to how project sewer line can be connected to the Municipal sewer line located at a distance of 800 m away from the project site, which may involve Govt./Pvt. Land and for which permission from the relevant authorities may be required.

After detailed deliberations, SEAC decided to defer the case and to ask the EO, Municipal Council Zirakpur to attend the next meeting of SEAC alongwith proposed approved/ draft planning to lay the sewer in Municipal Council areas.

Accordingly, Executive Officer, Municipal Council Zirakpur has been requested vide letter no. 595 dated 07/05/18 to attend the next meeting of SEAC alongwith proposed approved/ draft planning to lay the sewer in Municipal Council areas.

The case is placed before SEAC for consideration.

Item No.167.30: Application for obtaining Environmental clearance under EIA notification dated 14.09.2006 for establishment of a group housing project namely " Exotica Homez " at Village Sante Majra, Kharar, S.A.S Nagar, Mohali, Punjab by M/s. Exotica Homez Promoter & Builders. (Proposal no SIA/PB /NCP/ 73106/2018)

The facts of the case are as under: -

The project proponent has filed an application for obtaining Environment Clearance under EIA notification, 2006 for establishment of a group housing project namely " Exotica Homez " at Village Sante Majra, Kharar, S.A.S Nagar, Mohali, Punjab by M/s. Exotica Homez Promoter & Builders. The project is covered under category building construction 8 (a) of the Schedule appended to the said notification.

After initial scrutiny of the online application, the following essential details were sought online to which the project proponent has replied as under:-

S.No.	EDS Points	Reply
1.	Annexure-1 (a) document attached for change of land use is not legible.	Legible copy of the change of land use has been submitted.
2.	Location of existing sewer is not marked on the location plan	The location of existing sewer has been marked on the location plan.
3.	The quantity of sewerage generated from project site to be handled by Municipal Corporation Kharar has not mentioned in the permission letter as well as current status of laying of MC sewer in the village Sante Majra	NOC from the Municipal Corporation, Kharar mentioning quantity of sewerage to be handled i.e. 300 KLD has been obtained vide Letter No. 398 dated 01.03.2018, copy of which has been submitted. M/s. Exotica Homez Promoter & Builders will lay sewer line at their own cost if, MC sewer does not reach near the project site during the time project is being operational. The project proponent submitted affidavit in this regard.

Environmental Engineer, Regional Office, SAS Nagar vide email dated 12.03.2018 was requested to verify the construction status of the project and send the report of the same.

Environmental Engineer, Regional Office, SAS Nagar has sent the construction status report through email dated 13.03.2018 and reported that the proposed site of the project was visited by AEE of this office on 13.03.2018 and Sh. Gaurav,

representative of the promoter company was contacted. During the visit, it was observed as under:

1. The proposed site of the promoter company is located on Kharar- Landran Road, Kharar, SAS Nagar. As per the boundaries of the proposed site shown by the representative of the promoter company, the project is abutting to the project of M/s JTPL on side and Skylar developers on second site.
2. As per the site shown by the representative, no construction activity has yet been started at the site by the promoter company.
3. There is one old existing house at the site and the representative informed that the same has been existing since long and is of the farmer, from which they have bought the land.

The case was considered by the SEAC in its 164th meeting held on 10.04.2018, which was attended by the following on behalf of the project proponent:

- (i) Sh. Gourav Soni, Project Head on behalf of the Promoter Company
- (ii) Sh. Sandeep Garg, M/s Eco Laboratories & Consultant Pvt. Ltd., Environment consultant of the promoter company.

The SEAC allowed the project proponent to present the project. Environmental Consultant of the promoter company presented the salient features of the EIA of the project as under: -

Brief details of the project

1.	Category/Item No. (in schedule)	8(a): Building & Construction project	
2.	Name and Location of the project	" Exotica Homez " in the revenue estate of Village Sante Majra, Kharar, S.A.S Nagar	
3	Project Cost	Rs 164.60 Crores.	
3.	Total Plot area, Built-up Area and Green area	Plot area (Sqm)	30774.93
		Net plot area after leaving area for road widening (sqm)	30454.41
		Built up area (Sqm)	75931.73
		Green area (Sqm)	4749.66
		Residential dwelling units	465
4.	Population	2452 persons	

5.	Water Requirements & source	Break up of water requirement	Source
		Total: 451 KLD	-
		Domestic:451 KLD	-
		Fresh:348 KLD	Ground Water
		Flushing: 103 KLD	Reuse after treatment
6.	Treatment & disposal Arrangement of Waste water	Green Area: 26 KLD	Reuse after treatment in an area of 4749.66 sqm
		<p>a) Total waste water= 365 KLD at inlet of STP, 358 KLD at outlet of STP</p> <p>b) STP based on MBBR technology of capacity 400 M3/day will be provided and 103 KLD treated domestic water will be utilized for flushing and 26 KLD onto land for plantation and remaining water will be discharged into MC sewer.</p>	
7.	Rain water harvesting detail	7 no. of rainwater harvesting pits will be provided as per the norms of CGWA.	
8.	Solid waste generation and its disposal	<p>a) 930 kg/day</p> <p>b) Solid wastes will be appropriately segregated (at source by providing bins) into Bio-degradable and Non-Bio-degradable components. Garbage chute will be provided</p> <p>c) Mechanical composter of capacity 420 kg/day will be provided for the Bio-degradable Components.</p> <p>d) Non Bio-degradable & recyclable waste will be send directly to recyclers and remaining waste will be sent to the dumping site.</p> <p>e) Waste construction material will be handled as per the Construction and</p>	

		Demolition Waste Management Rules, 2016 f) Dewatered /dried sludge from STP will be used as manure												
9	Hazardous Waste	a) Used oil from DG sets will be sold to registered recyclers. b) E-waste will be disposed off as per the E-waste (Management) Amendment Rules, 2018.												
10.	Energy Requirements & Saving	a) 2307.73 KVA from PSPCL. b) DG Sets 1 x 180, 1 x 125 & 2 x 250 KVA. c) Solar lights will be provided for landscaping area. LEDs Lamps are proposed in all common area. Total 160 KW solar power will be generated by utilizing 31% (1914.46 sqm) of the roof area.												
11.	Environment Management Plan along with Budgetary break up phase wise and responsibility to implement	<p>Environment Management Cell (EMC) will be responsible for implementation of the Environment Management Plan and thereafter, welfare society of the project will be responsible for the implementation of EMP.</p> <table border="1"> <thead> <tr> <th>Description</th><th>Capital Cost in lacs</th><th>Recurring Cost in lacs</th></tr> </thead> <tbody> <tr> <td>Construction</td><td>296 lacs</td><td>4.85 lacs</td></tr> <tr> <td>Operation</td><td>-</td><td>9.5 lacs</td></tr> <tr> <td>Monitoring of Air, Noise water in both phases.</td><td>Rs. 6.0 lacs.</td><td>Rs. 9.0 lacs</td></tr> </tbody> </table>	Description	Capital Cost in lacs	Recurring Cost in lacs	Construction	296 lacs	4.85 lacs	Operation	-	9.5 lacs	Monitoring of Air, Noise water in both phases.	Rs. 6.0 lacs.	Rs. 9.0 lacs
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Construction	296 lacs	4.85 lacs												
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Monitoring of Air, Noise water in both phases.	Rs. 6.0 lacs.	Rs. 9.0 lacs												
12.	CSR activities alongwith budgetary break up and responsibility to implement	<p>Rs. 50 Lacs shall be spent on the following CSR activity: -</p> <p>a) 15 Lakh will be spent for provision of RO drinking water plant & mid-day meals in Govt. School, Sector 116, Mohali</p> <p>b) 10 Lakh will be spent for tie-up with NGO in promoting social awareness like saving</p>												

		<p>and well-upbringing of girl child, girl education, etc</p> <p>c) 25.0 Lacs will be spent provision of medicines, ambulance, wheel chairs for disabled persons, hearing aids in Govt. Dispensary, Sante Majra.</p> <p>Mr. Jagdish Singh Saini (Proprietor) of M/s. Exotica Homez Promoter & Builders will be responsible for implementation of CSR (Corporate Social Responsibility) for 5 years and after that the welfare society of "Exotica Homez" along with Environment Management Cell will be responsible for same.</p>
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After presentation, the SEAC raised following observations to the project proponent:

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- a) Project proponent has submitted NOC issued by Municipal Council, Kharar vide no. 398 dated 01.03.2018 wherein it has been mentioned that Municipal Council has no objection if M/s Exotica Homez Promoter & Builder's for its project namely "Exotica Homez" discharge 300 KLD treated water as per the norms made by the Punjab Pollution Control Board at their own cost into the sewer system of Municipal Council, Kharar after depositing charges framed by the Govt. and as per Govt. instructions and rules of the Department of Local government, Punjab. The sewerage treatment plant will be constructed by the project promoter at their own cost. Further, as stated by the project proponent, location of existing sewer of the Municipal Council, Kharar is at a distance of 380m from the project site. Therefore, the project proponent is required to clarify, how 380m sewer line will be laid through Govt. land as the project site is located along National highway and no government permission has been obtained for the purposed?
- b) Proposal be amended to exclude the RO system from the water treatment plant.
- c) To clarify as to whether cavity wall as proposed in the presentation is to be provided at site.

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

Accordingly, the project proponent was requested vide letter No. 552 dated 23.04.2018 to submit the reply to the aforesaid observations. Now, the project proponent has submitted reply vide letter dated 05/05/2018, which is annexed **as Annexure-B.**

The case is placed before SEAC for consideration.

Any other item with the approval of Chair

Annexure-B

Reference No.: EHPB/EH/2018/004

Date: 05/05/18

To,
The Secretary,
 State Expert Appraisal Committee,
 Punjab Pollution Control Board,
 Vatavaran Bhawan, Nabha Road,
 Patiala, Punjab- 147001

Subject: Reply of observations raised for the project "Exotica Homez" located at Village Sante Majra, Tehsil Kharar, Distt. SAS Nagar (Mohali), Punjab vide MOM S. No. 164.06 dated 10.04.2018.

Ref. No. 164th Minutes of meeting of SEAC, Punjab held on 10th April, 2018.

Sir,

With reference to the above said subject, we are herewith submitting the reply of the queries raised in 164th Minutes of Meeting of the SEAC, Punjab held on 10th April, 2018.

1. The PP required to clarify, how 380 m sewer line will be laid through Govt. land as the project is located along National Highway and no Govt. permission has been obtained for the purposed.

Reply: The clarification regarding the status of sewer line from MC, Kharar has been obtained vide letter No. 614 dated 27.04.2018 mentioning that the sewer line has been laid at a distance of 380 m from the project site and it will be completed within 2 years. Thus, by the completion of construction phase of the project the sewer line will be laid completely till the project site. Copy of the same is attached along as **Annexure 1**.

2. Proposal be amended to exclude the RO system from the water treatment plant.

Reply: Agreed, the centralized filtration water system followed by chlorination will be provided to treat the drinking water to make it fit for use. Undertaking regarding the same is attached along as **Annexure 2**.

EXOTICA HOMEZ PROMOTER AND BUILDERS

Authorized Signatory

3. To clarify as to whether cavity wall as proposed in the presentation is to be provided at site.

Reply: Agreed, the hollow concrete blocks will be used in construction of walls. Undertaking regarding the same is attached along as **Annexure 2**.


Thanking You

Sincerely,

For M/s. Exotica Homez Promoter & Builders

EXOTICA HOMEZ PROMOTER AND BUILDERS

(Authorized signatory)


Authorized Signatory

Encl: As Above.

ਦਫਤਰ	ਨਗਰ	ਕੌਸਲ	ਖਰੜ
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Exotica Homez,
Promoter and Builders, s1-s2, Exotica Square,
Kharar Landran Road, Sector -115 Mohali.

ਨੰ.....614..... ਮਿਤੀ.....27/5/2018

ਵਿਸ਼ਾ: Regarding Connection of sewer treated water with M.C sewer line for Group housing project Exotica square at village Santemajra Kharar.

ਹਵਾਲਾ : ਇਸ ਦਫਤਰ ਦੇ ਪੱਤਰ ਨੰ.406 ਮਿਤੀ 12-04-2018 ਦੇ ਸਬੰਧ ਵਿੱਚ।

ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਸਬੰਧੀ ਹਵਾਲਾ ਅਧੀਨ ਦਰਖਾਸਤ ਦੇ ਸਬੰਧ ਵਿੱਚ ਆਪਨੂੰ ਲਿਖਿਆ ਜਾਂਦਾ ਹੈ ਕਿ ਆਪ ਵਲੋਂ ਮੰਗੇ ਗਏ ਐਨ.ਓ.ਸੀ ਦੇ ਸਬੰਧ ਵਿੱਚ ਦੱਸਿਆ ਜਾਂਦਾ ਹੈ ਕਿ ਲਾਡਰਾਂ ਰੋਡ ਉਤੇ ਰੋਇਲ ਹੋਟਲ ਤੋਂ ਲੈ ਕੇ ਨਗਰ ਕੌਸਲ ਖਰੜ ਦੀ ਹੱਦ (ਪਾਰਕਵੁੱਡ ਪ੍ਰੋਜੈਕਟ)ਤੱਕ ਮੇਨ ਸੀਵਰ ਲਾਈਨ ਪਾਉਣ ਸਬੰਧੀ ਕਾਰਜਕਾਰੀ ਇੰਜੀਨੀਅਰ, ਪੰਜਾਬ ਵਾਟਰ ਸਪਲਾਈ ਅਤੇ ਸੀਵਰੇਜ ਬੋਰਡ,ਡਵੀਜ਼ਨ ਨੰ.1, ਪਟਿਆਲਾ ਜੀ ਨੂੰ ਲਿਖਿਆ ਜਾ ਚੁੱਕਾ ਹੈ, ਜਿਸ ਵਿੱਚ ਕਿ ਆਪ ਦੇ ਪ੍ਰੋਜੈਕਟ ਤੱਕ ਲੰਬਾਈ 380 ਮੀਟਰ ਸੀਵਰ ਲਾਈਨ ਵੀ ਪੈਦੀ ਹੈ, ਕਾਰਵਾਈ ਮੁਕੰਮਲ ਹੋਣ ਤੋਂ ਬਾਅਦ ਨੇੜ ਭਵਿੱਖ(ਲਗਭਗ 2 ਸਾਲ) ਵਿੱਚ ਮੇਨ ਸੀਵਰ ਲਾਈਨ ਪਾਉਣ ਤੋਂ ਬਾਅਦ ਸਰਕਾਰ ਦੀਆਂ ਉਸ ਵਕਤ ਦੀਆਂ ਹਦਾਇਤਾਂ ਅਨੁਸਾਰ ਆਪ ਵਲੋਂ ਸੀਵਰੇਜ ਟਰੀਟਮੈਂਟ ਪਲਾਂਟ ਲਗਾਕੇ ਉਸ ਦਾ ਟਰੀਟਡ ਪਾਣੀ ਨਗਰ ਕੌਸਲ ਦੀ ਸੀਵਰ ਲਾਈਨ ਨਾਲ ਜੋੜਨ ਵਿੱਚ ਨਗਰ ਕੌਸਲ ਖਰੜ ਨੂੰ ਕੋਈ ਇਤਰਾਜ਼ ਨਹੀਂ ਹੋਵੇਗਾ।

ਕਾਰਜ ਸਾਧਕ ਅਫਸਰ,
ਨਗਰ ਕੌਸਲ ਖਰੜ।



Reference No.:

Date: 05/05/18

UNDERTAKING

I, Gaurav Soni, S/o Sh. Om Parkash Soni, Authorized Signatory of the firm M/s. Exotica Homez Promoter & Builders developers of the residential project namely "Exotica Homez" located at Village Sante Majra, Tehsil Kharar, Distt. SAS Nagar (Mohali), Punjab, solemnly affirm:

1. That the centralized filtration water system followed by chlorination will be provided within the project premises.
2. That the hollow concrete blocks will be used in construction of walls at the project.

Date: 05.05.2018

Place: Mohali

Signature of the applicant

EXOTICA HOMEZ PROMOTER AND BUILDERS


Authorized Signatory