

**Agenda for the 120<sup>th</sup> meeting of State Level Environment Impact Assessment Authority to be held on 16.03.2017 at 10.30 AM in Committee Room, Regional Office, Punjab Pollution Control Board, Mohali.**

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**Item No.120.01: Confirmation of the minutes of 119th meeting of SEIAA held on 04.01.2017.**

The proceedings of 119<sup>th</sup> meeting of SEIAA held on 04.01.2017, were circulated to all concerned vide letter no. 17-18 dated 13.01.2017. No observation has been received from any of the members. As such, SEIAA may confirm the said proceedings.

**Item No.120.02: Action taken on the proceeding of 119th meeting of SEIAA held on 04.01.2017.**

Action taken on the proceeding of 119th meeting of SEIAA held on 04.01.2017, has been taken and the action taken report is placed below: -

**Action taken on the proceedings of 119<sup>th</sup> meeting of SEIAA held on 04.01.2017**

<b>Item no.</b>	<b>Subject</b>	<b>Decision of SEIAA taken in 119th meeting held on 04.01.2017</b>	<b>Action taken on the decision of 119th meeting held on 04.01.2017</b>
119.01	Confirmation of the minutes of 118 <sup>th</sup> meeting of SEIAA held on 23.11.2016.	The proceedings of 118 <sup>th</sup> meeting of SEIAA held on 23.11.2016, were circulated to all concerned vide letter no. 3709-10 dated 28.11.2016. No observation has been received from any of the members. As such, SEIAA confirmed the said proceedings.	No action is required to be taken in the matter
119.02	Action taken on the proceedings of 116th (item no 116.08), 117th & 118th meetings of SEIAA held on 20.10.2016, 10.11.2016 & 23.11.2016, respectively	It was seen by the SEIAA.	No action is required to be taken in the matter
119.03	Application for issuance of TOR under EIA notification dated 14.09.2006 for establishment of Educational Institutional Complex i.e. Expansion of the Existing Institute at Village Sarmastpur, Jalandhar- Pathankot Highway, Jalandhar developed by M/s DAV College Trust &	The SEIAA decided that the case be deferred till the project proponent submitted a copy of affidavit regarding withdrawal of the case filed before the Hon'ble High Court and copy of the mutual agreement made with the petitioner.	The decisions of SEIAA have been conveyed to the project proponent vide letter no. 57 dated 23.01.2017.

	Management Society, New Delhi (Proposal no SIA/PB/NCP/17259/2016)		
119.04	Application for issuance of TOR under EIA notification dated 14.09.2006 for area development project namely "Urban Estate - Gurdaspur" in the revenue estate of Village Nabipur & Revenue Estate of Gurdaspur, Punjab. by M/s Amritsar Development Authority (ADA) (Proposal No. SIA/PB/NCP/17049/2016)	<p>The SEIAA decided to accept the recommendations of SEAC and take the action as recommended by SEAC as under:</p> <p>a) 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.</p> <p>b) To ask Punjab Pollution Control Board for initiating credible action against project proponent / responsible persons / Promoter Company under the Environment</p>	<p>a) The decision of SEIAA has been conveyed to Project Proponent vide letter No. 54 dated 23.01.2017</p> <p>b) The Member Secretary, Punjab Pollution Control board has been requested for initiating credible action against project proponent /</p>

		<p>(Protection) Act, 1986 due to start of construction activities of the project without obtaining Environmental Clearance under EIA notification dated 14.09.2006.</p> <p>c) Intimate the project proponent that once action as per point a &amp; 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</p> <p>d) Project proponent be issued 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</p>	<p>responsible persons / Promoter Company vide letter No. 50 dated 23.01.2017</p> <p>c) The decision of SEIAA has been conveyed to Project Proponent vide letter No. 54 dated 23.01.2017</p> <p>d) Directions under Section 5 of the Environment (Protection) Act, 1986, has been issued to the project proponent vide letter No. 52 dated 23.01.2017.</p>
119.05	Application for issuance of TORs under EIA notification	The SEIAA decided to accept the	TORs have been issued vide letter No. 45-47



	dated 14.09.2006 for construction of township project comprising of residential colony, commercial buildings & group housing project namely "Wave Estate" at Sector 85 & 99, Village Mauli Baidwan, Patti - Sohana, Sabnalki & Block & Tehsil Kharar, SAS Nagar (Mohali) being developed by M/s Country Colonizers (P) Ltd (Proposal no. SIA/PB/NCP/11539/2 016)	recommendations of SEAC and issue Terms of Reference as proposed by the SEAC	dated 23.01.2017 to the project proponent.
119.06	Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for mining of minor minerals (sand) from River bed in the revenue estate of Village- Arazi Darya Bramad BelaTajowal, Tehsil- Balachaur, District- SBS Nagar, Punjab of General Manager cum Mining Officer, District Industries Centre, SBS Nagar. (Proposal no. SIA/PB/MIN/5012/20 15).	The SEIAA decided to reject the case on the recommendation of SEAC and asked the project proponent to file fresh application on the basis of revised EIA and mining plan prepared considering final district survey report.	The decision of SEIAA has been conveyed to the project proponent vide letter no. 44 dated 23.01.2017
119.07	Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of	The SEIAA decided to accept the recommendations of SEAC and grant environmental clearance to the project	Environmental clearance has been granted vide letter No. 23-31 dated 23.01.2017 to the project proponent.

	commercial project namely "GBP Camella Business Centre" at Kharar-Kurali Road, Kharar, Tehsil Kharar, District S.A.S. Nagar, Punjab by M/s Gupta Builders & Promoters (P) Ltd. (Proposal no. SIA/PB/ NCP/ 59654/2016)	proponent.	
119.08	Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of commercial project namely "GBP Cinapolis" at Kharar-Ludhiana Road, Kharar, Tehsil Kharar, District S.A.S. Nagar, Punjab by M/s Gupta Builders & Promoters (P) Ltd.(Proposal no. SIA/PB/NCP/59653/2016)	The SEIAA decided to accept the recommendations of SEAC and grant environmental clearance to the project proponent.	Environmental clearance has been granted vide letter No. 58-66 dated 23.01.2017 to the project proponent.
119.09	Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely "The Earlwood" at Kharar, Tehsil Kharar, District S.A.S. Nagar, Punjab by M/s NK & KK Infra-developers (P) Ltd.(Proposal no. SIA/PB /NCP /59307 /2016)	The SEIAA decided to accept the recommendations of SEAC and grant environmental clearance to the project proponent.	Environmental clearance has been granted vide letter No. 79-87 dated 23.01.2017 to the project proponent.
119.10	Application for obtaining environmental clearance under EIA notification dated	The SEIAA decided to accept the recommendations of SEAC and grant environmental	Environmental clearance has been granted vide letter No. 32-40 dated 23.01.2017 to the

	14.09.2006 for the expansion of the Group Housing Project namely "SBP Housing Park" in the revenue estate of village Mouja Rouni, Tehsil Derabassi, Distt. S.A.S. Nagar by M/s Singla Builders and Promoters Ltd.(Proposal no. SIA / PB /NCP /59330/ 2016)	clearance to the project proponent.	project proponent.
119.11	Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for the expansion of the Group Housing Project namely "Acme Eden Court" in the revenue estate of Janta Land (P) Ltd, Sector -91, SAS Nagar by M/s Acme Builders (P) Ltd. (Proposal no. SIA / PB /NCP /59802/ 2016)	The SEIAA decided to accept the recommendations of SEAC and grant environmental clearance to the project proponent.	Environmental clearance has been granted vide letter No. 89-97 dated 23.01.2017 to the project proponent.
119.12	Application for obtaining Environmental Clearance under EIA notification dated 14.09.2006 for development of Tourist destination at Pathankot - Dalhousie Road, around Ranjit Sagar Lake, Distt. Pathankot, Punjab by M/s Shivalik (Dhauladhar) Tourism Development Board,	The SEIAA decided to accept the recommendations of SEAC and grant environmental clearance to the project proponent.	Environmental clearance has been granted vide letter No. 67-75 dated 23.01.2017 to the project proponent.

	Punjab. (SIA/PB/NCP/11360/ 2016)		
119.13	Complaint against M/s Shivalik Infrastructure & Developers Pvt. Ltd., Sector-127, Kharar, District Mohali by Residents of Shivalik City, Kharar Landran Road, Sector-127, Mohali.	The SEIAA decided that the facts of the case be sent to the Punjab Pollution Control Board for taking necessary action under the provisions of relevant Acts/Rules and send an action taken report in the matter to SEIAA, Punjab.	The Member Secretary, Punjab Pollution Control Board, Patiala has been requested vide letter no. 41 dated 23.01.2017 for taking necessary action under the provisions of relevant Acts/Rules and send an action taken report in the matter to SEIAA, Punjab.
119.14	Establishment of area development project namely Shivalik Avenue and various group housing schemes in the said project at Shivalik Avenue, Sector-125, Kharar, District SAS Nagar in violation of the provisions of EIA notification dated 14.09.2006.	The SEIAA decided that the facts of the case be sent to the Punjab Pollution Control Board for taking necessary action under the provisions of relevant Acts/Rules and send an action taken report in the matter to SEIAA, Punjab.	The Member Secretary, Punjab Pollution Control Board, Patiala has been requested vide letter no. 49 dated 23.01.2017 for taking necessary action under the provisions of relevant Acts/Rules and send an action taken report in the matter to SEIAA, Punjab.
119.15	Violations of the provisions of the Environment Impact Assessment Notification dated 14/09/2006 by M/s Indian Railway Welfare Organization (IRWO) for its group housing project namely "Rail Vihar" at VIP Road, Zirakpur, Distt. S.A.S. Nagar.	The SEIAA decided to accept the request of project proponent and deferred case to be placed after one month time	The decisions of SEIAA have been conveyed to the project proponent vide letter no. 55 dated 23.01.2017
119.16	Environmental Clearance granted to M/s Star Realtech & Developers (P) Ltd. for its project "Western Towers" (Ratio Heights) in the revenue estate of Kharar, Distt. SAS	The SEIAA decided that 1. PPCB be requested to decide the NOC application as per the state policy and any information regarding impact of the Air polluting	The decisions of SEIAA have been conveyed to the Member Secretary vide letter no. 43 dated 23.01.2017.

	Nagar (Proposal no. SIA/PB/NCP/40910/2 016).	industries (3 numbers Rice Shellers) is not available with SEIAA.  2. Show cause notice for cancellation/ revocation of Environment Clearance granted, be issued to the project proponent for concealment of facts and not providing complete information in the Environment Clearance application.	Show Cause Notice has been issued to the project proponent vide letter no. 45 dated 23.01.2017
119.17	Show cause notice for carrying out expansions beyond threshold limit of built up area without obtaining environmental clearance for the expansion project under the provision of EIA notification, 2006 to the Govt. Medical College, Patiala.	The SEIAA decided that Show Cause Notice issued to the Govt. Medical College, Patiala be dropped	Show Cause Notice issued to the Govt. Medical College, Patiala has been filed. No further action is required.
119.18	Show cause notice for carrying out expansions beyond threshold limit of built up area without obtaining environmental clearance for the expansion project under the provision of EIA notification, 2006 to the Punjab Agriculture University.	The SEIAA decided to accept the request of project proponent and deferred case to be placed after one month time.	The decision of SEIAA has been conveyed to the project proponent vide letter no. 48 dated 23.01.2017.
119.19	Performance Audit Report- "Environmental	PPCB once again be requested to take action as per the earlier letters 8287	Member Secretary, Punjab Pollution Control Board has been

	Clearance and Post Clearance Monitoring".	dated 16.12.2015, 3123 dated 17.08.2016 & 3435 dated 27.09.2016 and send the report of violation cases to SEIAA regularly and copy of same to be endorsed to State Government.	requested vide letter no 76 dated 23.01.2017 and copy of same has been endorsed vide no 77, 78 dated 23.01.2017 to the Chairman, Punjab Pollution Control Board and State Government respectively, for information.
119.20	Application No. 368 of 2016- Paramjit Singh Pamma Vs. Govt. of Punjab.	The SEIAA decided that no action is required to be taken in the matter. However, in future, khasra nos. of the disputed land mentioned in the CWP will be taken into consideration while deciding the case of Environment Clearance application if received at any later stage.	Khasra nos. of the disputed land mentioned in the CWP has been noted separately on separate file so as to same can be considered while deciding the case of Environment Clearance application
119.21	CWP No.14030 of 2016- Jarnail Singh & Others Vs. Union of India and others.	The SEIAA decided that no action is required to be taken in the matter.	CWP has been filed. No further action is required.
119.22	Compliance of the Judgement passed by the Hon'ble National Green Tribunal in the matter of OA 199 of 2014 titled as Almitra H Patel Vs. Union of India and Ors.	The SEIAA decided that matter be referred to SEAC for examining the orders and making recommendations	The case file has been sent to SEAC for examining the orders and making recommendations.
119.23	CWP No.25817 of 2016- Sukhdeep Singh Bajwa Vs. Union of India and others.	The SEIAA decided that 1. No action is required to be taken by SEIAA at this stage. However, in future, khasra nos. of the disputed land mentioned in the CWP will be taken into consideration while deciding the case of Environment Clearance application if received at any	Khasra nos. of the disputed land mentioned in the CWP has been noted separately on separate file so as to same can be considered while deciding the case of Environment Clearance application

		<p>later stage.</p> <p>2. Further, a copy of the Civil writ petition be sent to the DEIAA Pathankot for information and taking further necessary action in the matter please.</p>	<p>A copy of the Civil writ petition has been sent to the DEIAA Pathankot vide letter no 88 dated 23.01.2017.</p>
General Discussion	<p>Status report of quarter ending December-2016 of court cases where a complaint has been filed in the Competent Court of Law against the various project proponents for violating the provisions of EIA Notification dated 14.09.2006.</p>	<p>The SEIAA decided that Member Secretary, Punjab Pollution Control Board be asked to send the complete status report of the court cases, where complaint has been filed in the competent court of law against the various project proponents for violating the provision of EIA Notification dated 14.09.2006.</p>	<p>Member Secretary, Punjab Pollution Control Board has been informed vide letter no 56 dated 23.01.2017.</p>

**Item No. 120.03: Application for environmental clearance granted under EIA notification dated 14.09.2006 for the expansion of group housing project namely "Royale Mansions Luxury Apartments" in the revenue estate of Village- Peer Mushalla, Near Zirakpur, Distt. SAS Nagar, Mohali by M/s. Royale Mansions (Proposal no.SIA/PB/NCP/42563/2016)**

The facts of the case are as under: -

M/s. Royale Mansions has applied for environmental clearance under EIA notification dated 14.09.2006 for the expansion of group housing project namely "Royale Mansions Luxury Apartments" in the revenue estate of Village- Peer Mushalla, Near Zirakpur, Distt. SAS Nagar, Mohali. The project is covered under category 8 (a) of the Schedule appended to the said notification.

Earlier, the project proponent was granted Environmental Clearance vide letter no. 47502 dated 30.10.2013 for establishment of the group housing project namely "Royale Mansions Luxury Apartments" having total built up area of having built up area of 27419.418 sqm in the total plot area of 17158.686 sqm in the revenue estate of Village Peer Mushalla, near Zirakpur, District S.A.S Nagar subject to the certain conditions.

The details of the expansion project as given in Form 1 and 1A and other documents are as under:

- The total land area of the project is 17,167.204 sqm (4.24 acres). The total built up area has been increased from 27,419.418 sqm (201 flats in 6 blocks (i.e. 138-4BHK, 38-3BHK, 25 EWS flats) and 3 shops) to 36,674.208 sqm (258 flats & 9 shops). Thus, the total additional built up area of the Group Housing Project is 9,254.79 sqm (57 flats. + 6 shops). The total project cost after addition is Rs. 29.72 Crores.
- After expansion, the total water requirement for the project will be 175 KL/day, out of which 117 KL/day will be met through own tubewells and remaining 58 KL/day will be met through recycling of treated wastewater.
- After expansion, the total wastewater generation from the project will be 140 KL/day, which will be treated in a STP of capacity 150 KLD based on SAFF Technology to be installed within the project premises. The project proponent has proposed to use 13 KL/day will be used for irrigation of green area (2,341.15 sqm) and remaining waste water will be discharged into M.C. sewer



in summer season. In winter season, 04 KL/day will be used for irrigation of green area and remaining waste water will be discharged into M.C. sewer. In rainy season, 01 KLD for irrigation of green area and remaining waste water will be discharged into M.C. sewer. The project proponent has also submitted that dual plumbing system has not been provided. However, treated water from STP is being used for irrigation purposes.

- After expansion, the total quantity of solid waste generation after expansion will be 520 kg/day, which will be segregated at source as biodegradable and non-biodegradable components as per the Municipal Solid Waste (Management & Handling) Rules, 2000. The biodegradable waste would be sent to the approved site. The non-biodegradable and the recyclable waste will be sold to the recyclers. The Biodegradable waste is composted by use of Mechanical composter.
- After expansion, the total load of electricity required for group housing after expansion will be 1500 KW which will be taken from the PSPCL. There is a proposal to install silent DG sets 1 x 250 KVA & 2 x 125 KVA as stand-by arrangement.
- The project proponent has proposed to provide 14 Nos. rain water harvesting pits to recharge the ground water.
- Used oil to be generated from the DG sets will be sold to authorized recyclers.

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

1.	Properly filled Form 1 & 1A	Yes
2.	<b>(a) In case(s) where land has already been purchased/acquired:</b> Proof of ownership of land <b>(b) In case where land is yet to be purchased/acquired:</b> 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)	Submitted, copy of land documents including Jamabandi
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	Submitted, Master Plan showing Project site. The project site falls under residential zone as per the Master Plan of Zirakpur, hence, CLU for the same is not required.

	area.	
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, alongwith 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. Google Earth Image Showing project site & surroundings within 500 meter.
8.	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) Firefighting equipment layout vii) First aid room viii) Location of Tube wells ix) DG Sets and Transformers	i. Marked ii. Marked iii. Marked iv. Marked v. Marked vi. Marked vii. Marked viii. Marked ix. Marked
9.	Permission of Competent Authority for; <b>a) Water and Sewerage connection</b> 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 lay out map/plan. <b>b) Collection of Solid waste</b>	a) Submitted copy of letter issued by M.C. Zirakpur vide letter no. 808 dated 04.06.2013 to the project proponent wherein, it has been mentioned that the Council has no objection for giving sewerage connection for discharging there treated wastewater after deposition of requisite charges. b) Submitted, the M.C. Zirakpur vide letter no. 2941 dated 29.08.2011 has issued a certificate to the project proponent to the effect that the solid waste to be generated from the project, will be taken care by MC, Zirakpur.

10.	Water balance chart for summer, rainy and winter seasons indicating critical requirements.	Submitted
11.	Availability of land for use of treated sewage and plantation.	Submitted, Green area marked on the layout plan. However, excess treated sewerage water will be discharge into MC Sewer.
12.	Analysis reports of ambient air, ground water and noise levels from NABL/MoEF Accredited laboratories.	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, site plan showing sewer line & treated water used for horticulture.
15.	Construction schedule (PERT/CPM Chart)	Submitted.
16.	Undertaking(s) for; a) Constitution of Environment Monitoring Cell b) Use of ready mix concrete or use of fly ash during construction. c) To provide Fire Fighting System d) To provide wind breaking curtains and water sprinkling system to minimize dust emissions during construction phase. 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.	<p>a) Submitted</p> <p>b) Submitted</p> <p>c) Submitted</p> <p>d) Sh. Surinder Bansal (Partner) of Royale Mansions is responsible for implementation of EMP for 5 years and after that the welfare society of the project will be responsible for the same.</p>

	<p>e) Capital &amp; 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>e) Rs. 76.0 lacs will be incurred for implementation of EMP on account of capital cost and Rs. 11 lacs/annum will be incurred on account of recurring charges for implementation of EMP.</p> <p>f) The association of Residents or MC whosoever takes over the project will be responsible for implementation of EMP.</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.	<p>Sh. Surinder Bansal (Partner) of Royale Mansions is responsible for implementation of the CSR. Rs. 27.0 lacs will be utilized for following activities under Corporate Social Responsibility:</p> <ul style="list-style-type: none"> <li>i. Rs. 4.0 lacs will be spent to Organize Health camps i.e. eye check-up and dental check-up camps.</li> <li>ii. Rs. 6.0 lacs will be spent for providing scholarships to class X and XII students for higher education.</li> <li>iii. Rs. 7.0 lac will be spent to provide solar lights on the Village Rasta, helping Village Panchayat in community development programmes</li> <li>iv. Rs. 10.0 lac will be spent to Provide infrastructure i.e. X-ray machine and ambulance etc.</li> </ul>
19.	Traffic Circulation System and connectivity with a view to ensuring adequate parking, conflict free movements, Energy efficient Public Transport.	Submitted
20.	Disaster/Risk Assessment and Management Plan	Submitted
21.	A copy of Memorandum of Article &	Submitted

	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	
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A team of Prof. P Thareja & Dr. V.K Singhal (SEAC members) have been constituted and requested vide mail dated 17/03/2016 to visit the project site to verify the compliance of existing project & construction status with regard to expansion component of the project.

The project site was visited by Prof. P Thareja & Dr. V.K Singhal, Member (SEAC) on 23.03.2016 and the visit report received vide email dated 29.03.2016, was attached as Annexure of the agenda.

The case was considered by the SEAC in its 144<sup>th</sup> meeting held on 19.04.2016, which was attended by the following on behalf of project proponent:

- (i) Sh. Surinder Bansal, Partner of the promoter company.
- (ii) Sh. Sandeep Garg, Environmental Consultant, M/s Eco Labs, Mohali, on behalf of the promoter company.

The visiting SEAC members categorically informed that no construction activity has been carried out for the expansion part of the project and expansion is to be done within the proposed project premises. The SEAC asked the visiting members regarding the compliance status of condition of already granted Environmental Clearance. The visiting member apprised the SEAC that project proponent is complying with the conditions of Environmental Clearance already granted as applicable at this stage.

The SEAC observed that the project proponent has obtained environmental clearance for expansion of the project to increase no. of flats from 201 to 258. However, the Northern Regional office of MoEF, Chandigarh in its compliance report as well as the visiting SEAC members in their visiting report stated that 258 flats have already been constructed at site. As such, it seems to be case of violation of EIA notification 14.09.2006. To this observation of SEAC the project proponent submitted that they had constructed 258 flats even prior to submission of application for obtaining Environmental Clearance for 201 flats but they applied for Environmental Clearance for 201 flats as the building plan was approved for 201 flats only at that time and as per the policy of SEIAA at that time, approved building plan was the pre

requisite for obtaining Environmental Clearance. So far as violation of EIA notification is concerned, credible action has already been initiated against them.

The SEAC asked the project proponent to prove his contention that 258 flats were constructed prior to filing of application for obtaining Environmental Clearance for 201 flats as these facts are not available in the record with SEIAA/SEAC. To this observation of SEAC, the project proponent submitted that the photograph submitted by him with the application (for 201 flats) may be glanced which shows all the nine storey of all the blocks had already been completed. The visiting members of SEAC also confirmed that the entire construction at site is very old and the possession of flats had already been given. No new construction activity was going on at site and the project is in operational state. The SEAC observed that, as such, it is not a case of expansion project, but it is a case of modification in the Environmental Clearance granted to the existing project whereas, the application has been filed for expansion of the existing project.

After discussion, SEAC decided to recommend to SEIAA for rejection of the application and to direct the project proponent to submit a fresh application for modification of Environmental Clearance already granted for 201 flats and project proponent should also submit a copy of the approved building plan for 258 flats with the application as the project has already been completed and the conceptual plan will not be sufficient at this stage.

The case was considered by the SEIAA in its 107<sup>th</sup> meeting held on 27.05.2016, which was attended by the following on behalf of the promoter company:

1. Sh. Surinder Bansal, Partner of the promoter company.
2. Sh. Sandeep Garg, Environmental Consultant, M/s Eco Labs, Mohali, on behalf of the promoter company.

Sh. Sandeep Garg of Environmental Consultant of the promoter company requested for rejection of the application with a direction to the project proponent to submit a fresh application (for 258 flats) for modification of Environmental Clearance already granted for 201 flats.

The SEIAA observed that this seems to be a case of continued violation as expansion of project from 201 flats for which Environmental Clearance was granted earlier, to 258 flats has already been carried out. In reply to this observation, the project proponent submitted that they had already constructed 258 flats even prior to submission of application for obtaining Environmental Clearance for 201 flats. But,

Environmental Clearance was obtained for 201 flats because they had the building plan approved for 201 flats at that time and as per the then prevalence policy of SEIAA, approved building plan was pre requisite for obtaining Environmental Clearance. So far as violation of EIA notification is concerned, credible action has already been initiated against them.

The SEIAA observed that the project proponent has not disclosed these facts regarding the construction of 258 flats while obtaining the Environment Clearance for 201 flats. The only proof of photograph attached with the earlier Environmental Clearance application which had been relied upon by the SEAC while sending recommendation to SEIAA, does not seems to be sufficient.

After deliberations, the SEIAA decided to remand back the case to SEAC for review by considering all the material facts available on the record if any, other than photographs to ascertain as to whether construction of 258 flats had been completed prior to obtaining Environmental Clearance for 201 flats. The SEAC shall also clearly mention the provisions of EIA notification, 2006 under which the project proponent can be allowed to file an application for modification in the Environmental Clearance for the construction done prior to obtaining Environmental Clearance wherein actual status/ true material facts were not represented by the project proponent.

The case was considered by the SEAC in its 147<sup>th</sup> meeting held on 30.06.2016, which was attended by the following on behalf of project proponent:

- (i) Sh. Surinder Bansal, Partner of the promoter company.
- (ii) Sh. Sandeep Garg, Environmental Consultant, M/s Eco Labs, Mohali, on behalf of the promoter company

The SEAC asked the project proponent to submit documentary evidence regarding construction of 258 flats prior to the submission of the application for obtaining environmental clearance for 201 flats. The project proponent submitted that at present they are not having any additional documentary evidence to prove that 258 flats had been constructed before submission of application for 201 flats and sought more time to submit the same.

After detailed deliberations, the SEAC decided to defer the case and to ask the project proponent to submit the documentary evidence to prove that 258 flats had been constructed before submission of application for obtaining environmental

clearance for 201 flats, so that further action in the matter could be taken accordingly.

Accordingly, the decision of the SEAC has been conveyed to the project proponent vide letter no. 2893 dated 13.07.2016. The project proponent has submitted the reply to the observation on 14.07.2016, which was annexed as annexure with the agenda.

The case was considered by the SEAC in its 148<sup>th</sup> meeting held on 19.07.2016, which was attended by the following on behalf of project proponent:

- (i) Sh. Surinder Bansal, Partner of the promoter company.
- (ii) Sh. Sandeep Garg, Environmental Consultant, M/s Eco Labs, Mohali, on behalf of the promoter company

The project proponent told the SEAC that the letter no.898 dated 06.03.2013 issued by Municipal Council, Zirakpur states that 258 flats had already been constructed against the approval of 201 flats in the building plan. The EO, MC Zirakpur vide said letter has directed the promoter company to apply for approval of revised building plan for 258 flats and to deposit the requisite compounding fees. The SEAC observed that the letter is a photocopy and the project proponent is required to submit the original copy of the letter in order to get its authenticity verified. To this observation, the project proponent produced the original copy of the letter issued by MC, Zirakpur and the same was seen by the SEAC.

After deliberations, the SEAC decided that AEE (SEAC) shall verify the authenticity of letter no.898 dated 06.03.2013 issued by Municipal Council, Zirakpur by visiting the office of Municipal Council, Zirakpur and submit his report within ten days. Accordingly, the case was deferred to be placed in the next meeting of SEAC alongwith report of AEE (SEAC).

The report of AEE (SEAC) was annexed as annexure with the agenda.

The case was considered by SEAC in its 149<sup>th</sup> meeting held on 29.08.2016, which was attended by the following on behalf of project proponent:

- (i) Sh. Ashok Kumar, Partner of the promoter company.
- (ii) Sh. Sandeep Garg, Environmental Consultant, M/s Eco Labs, Mohali, on behalf of the promoter company

When called at his turn, the project proponent did not turn up, accordingly, the item was passed on. Later on the project proponent requested that he could not turn up at time as his consultant was not available at that time. The



SEAC observed that from perusal of visit report, the visiting officer was required to verify two letter numbers bearing dispatch number 898 dated 06.03.2013 & 808 dated 04.06.2013 from the dispatch register as well as from the office copy of the record file. However, the visiting officer could verify only one letter bearing dispatch number 898 dated 06.03.2013 assigned to Royal Mansion in dispatch register of MC Zirakpur & that too from dispatch register only. The verification of both the letters from office copy of record file as well as verification of letter number 808 dated 04/06/2013 from dispatch register could not be done by the visiting officer due to non-availability of staff handling the record in the office of MC, Zirakpur.

After deliberations, the SEAC decided that AEE (SEAC) will revisit the MC office to verify the office copy of the letter number 898 dated 06.03.2013, letter number 808 dated 04/06/2013 from the official record file and also verify the dispatch number 808 dated 04/06/2013 from the dispatch register maintained by Municipal Council, Zirakpur and submit his report within ten days. The case will then be again considered in the next meeting of SEAC.

The report of AEE (SEAC) was annexed as annexure with the agenda.

The case was considered by the SEAC in its 151<sup>st</sup> meeting held on 24.10.2016, but no one attended the meeting from the promoter company.

As such, in light of Office Memorandum dated 25.02.2010 of the Ministry of Environment & Forests, Govt. of India, the SEAC decided to defer the case and project proponent be asked to attend the meeting as and when held.

The case was again considered by SEAC in its 152<sup>nd</sup> meeting held on 28.10.2016, which was attended by the following on behalf of project proponent:

- (i) Sh. Surinder Bansal, Partner of the promoter company.
- (ii) Sh. Sandeep Garg, Environmental Consultant, M/s Eco Labs, Mohali, on behalf of the promoter company.

The SEAC observed that from perusal of visit report & annexure, at the face of it, it could not be established whether the letter bearing number 898 dated 06.03.2013 issued by the MC Zirakpur with respect to construction of 258 flats prior to the submission of application in 2013 is authentic or not as the office copy of this letter could not be made available to the visiting officer by the M.C. Authorities. Moreover, the same dispatch number has been entrusted to two different letters on different subject matters i.e. one regarding issuance of NOC for lifting of solid waste

and the 2<sup>nd</sup> regarding issuance of sewerage connection from main sewer of M.C., Zirakpur.

After deliberations, the SEAC decided that both EO's of MC Zirakpur be requested to be present in the next meeting of SEAC along with the supporting staff and relevant original record (dispatch registers of the year 2013 & record files of the project proponent lying with the MC office), so that further action in the matter can be taken.

Accordingly, the two EO's of MC Zirakpur were requested vide letter number 3568-69 dated 10/11/2016 to appear before SEAC in its next meeting alongwith supporting staff and relevant original record.

The case was considered by the SEAC in its 153<sup>rd</sup> meeting held on 28.11.2016 but neither the project proponent nor any of the two EO's MC, Zirakpur attended the meeting. However, Sh. Parvinder Singh, EO, MC, Zirakpur vide its office letter number 1553 dated 28.11.2016 has informed that he alongwith Sh. Sudhir Sharma are unable to attend the meeting as they have to attend the court case in Hon'ble Punjab & Haryana High Court, Chandigarh & Lok Adalat, SAS Nagar on 28.11.2016. They have sought exemption for appearing in the meeting and sought another opportunity to appear in the next meeting. The said letter was taken on record by the SEAC.

As such, in light of Office Memorandum dated 25.02.2010 of the Ministry of Environment & Forests, Govt. of India, the SEAC decided to defer the case.

Accordingly, the two EO's of MC Zirakpur were requested vide letter number 3753- 54 dated 20/12/2016 to appear before SEAC in its next meeting along with supporting staff and relevant original record.

The case was again considered by SEAC in its 154<sup>th</sup> meeting held on 03.01.2017, which was attended by the following from MC, Zirakpur:

- (i) Sh. Parvinder Singh, EO, MC, Zirakpur.
- (ii) Sh. Sudhir Sharma, EO, MC, Zirakpur.

SEAC asked the EO, MC, Zirakpur to clarify about the same dispatch number assigned to two different letters on different subject matters i.e. one regarding issuance of NOC for lifting of solid waste and the 2<sup>nd</sup> regarding providing sewerage connection from main sewer of M.C., Zirakpur. To this query of SEAC, Sh. Parvinder Singh, EO, MC, Zirakpur stated that both the letters have been issued by their office but same dispatch number (808 dated 04.06.2013) has been assigned to

both the certificates (i.e. one for sewer connection & other for solid waste) by mistake by the dispatch clerk of MC Zirakpur office. He also submitted that show cause notice has already been issued to the dispatch clerk to explain his position for making such mistake. The EO, MC, Zirakpur assured the SEAC that in future, such mistakes will not be repeated and submitted written statement in this regard which was taken on record by the SEAC. He also submitted an office copy of letter bearing dispatch number 898 dated 06.03.2013 before the SEAC and the same was seen by the SEAC. But the SEAC observed that the office files of the project proponent maintained by the MC Zirakpur are in loose form and no chain paging has been made. To this observation, the EO, MC, Zirakpur assured that in future chain paging of the record file will be done.

SEAC further deliberated upon the matter and observed that the project proponent had concealed the fact with respect to construction of additional flats at the time of submitting application for environmental clearance for 201 flats whereas 258 flats had already been constructed at that time. Moreover, as per the undertaking given by the project proponent in form-1 of its application, it has been mentioned that "if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given if any to the project will be revoked at project proponent risk and cost",

After deliberation, the SEAC decided to make the following recommendations to SEIAA: -

- (i) Rejection of application and to direct the project proponent to submit a fresh application for modification of Environmental Clearance already granted for 201 flats and project proponent should also submit a copy of the approved building plan for 258 flats with the application as the project has already been completed and the conceptual plan will not be sufficient at this stage as already made in the 144<sup>th</sup> meeting of SEAC held on 19.04.2016.
- (ii) Revoke the environmental clearance granted vide letter no. 47502 dated 30.10.2013 for establishment of the group housing project namely "Royale Mansions Luxury Apartments" having total built up area 27419.418 sqm in the total plot area of 17158.686 sqm for 201 flats in the revenue estate of Village Peer Mushalla, near Zirakpur, District S.A.S Nagar.

The case is placed before SEIAA for consideration.

**Item No.120.04: 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, (Proposal no SIA/PB/NCP/ 15739/ 2016)**

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 consist 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 BIHAWAN	36.GUEST HOUSE
6. ARTS BLOCK	37.BOTANICAL GARDEN
7. ARTS AUDITORIUM	38.CHECK POST
8. STUDENTS HOME	39.XFNS HOUSE
9. BOYS HOSTEL	40.REGISTRAR HOUSE
10.WARDENS HOUSE	41.VICE CHAMCELLORS 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.INSTRUMENTION 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 BIHAWAN
28.NEW A-TYPE HOUSES	59.FACULTY CLUB
29.GIRLS HOSTEL	60.TEMPLE
30.NUCLEAR SLAB	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.L.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-IT 100.HOTEL MANAGEMENT 101.CLASS ROOM BLOCK 102.EXAMINATION 103.GURUGRANTH SAHIB BHAWAN 104.SPORTS HOSTEL 105.WORLD PUNJABI CENTRE <u>106.STAFF ACADEMIC GUEST HOUSE</u>
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- Now, 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 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 m<sup>3</sup> 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 154<sup>th</sup> 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 is placed before SEIAA for consideration.

**Item no.120.05: Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of commercial project namely "Coral Mall" located at Nakodar Road, Jalandhar, Punjab by M/s Shalimar Corp Limited (Proposal no. SIA/PB/NCP/58992/2016)**

The facts of the case are as under: -

M/s Shalimar Corp Limited has applied for environmental clearance under EIA notification dated 14.09.2006 for establishment of commercial project namely "Coral Mall" located at Nakodar Road, Jalandhar, Punjab. The project is covered under category building construction 8 (a) 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:

- Earlier, the environmental clearance was issued in the name of M/s MGF Developments Ltd. for construction of "The Metropolitan Mall" at Nakodar Road, Jalandhar. M/s Sarup Industries Ltd. is the land owner of the Mall and MGF was developer at that time. Due to financial constraints, the project could not be completed. In the meantime, MGF had left the work. The company had engaged another developer namely Shalimar Corp Ltd. for completing the project and the new name given to the same Mall is Coral Mall. The earlier granted EC by MoEF vide no. 21-715/2006-IA.III dated 29.02.2008 to the MGF Developments had already expired. Therefore, M/s Shalimar Corp Ltd. has filed a fresh application for obtaining environmental clearance in the name of M/s Shalimar Corp Ltd. for Coral Mall.
- The construction status at the site of the Coral Mall is as under: -

S.No.	Description	Total Area	Constructed till date	Balance remaining
		Area (in sqm.)		
1.	Basement 1	10,229.508	10,229.508	-
2.	Basement 2	10,845.308	10,845.308	-
3.	Lower Ground Floor	6,644.91	6,630.243	14.67
4.	Upper Ground Floor	6,702.27	6,613.48	88.78
5.	First Floor	5,894.27	5,862.88	31.39
6.	Second Floor	5,902.51	5,871.11	31.39
7.	Third Floor	5,147.140	5,115.75	31.39
8.	Fourth Floor	707.31	707.28	-

		(Multiplex)		
9.	Fourth Floor (Projection Room)	187.04 (Multiplex)	187.04	-
10.	Services Area	500	500	-
	Total	52,760.219	52,562	197.62

Thus, the total plot area of the project is 14,077.18 sqm (3.4 acre) and the total built up area of the Project is 52760.219 sqm out of which 52,562 sqm has already been constructed and balance to be constructed is 197.62 sqm. The estimated total population will be 12750 persons which includes staff @1143, visitors @3061, food court and kitchen @1500, multiplex @4500 and commercial @342.

- The area of the site has been earmarked as residential area in Master Plan and fall within MC limits of Distt. Jalandhar.
- The project proponent has submitted NOC from the Jalandhar Improvement trust vide letter no. JIT/3775 dated 23.08.2006 wherein it has been mentioned that 3.88-acre area is in the name of Saroop Tanneries, Nakodar Road, Jalandhar and the said industry can construct the shopping cum multiplex after getting plan sanctioned by MC Jalandhar.
- The total vehicle parking required at the site is 651 ECS but parking proposed is 656 ECS.
- The total water requirement will be 558 KLD which includes fresh water requirement @284 KLD. The fresh water requirement will be met through MC supply.
- The total wastewater generation from the project will be 289 KL/day, which will be treated in a STP of capacity 350 KLD to be installed at project site including wet weather flow. The treated waste water will be generated @278 KLD from STP. In summer season, the project proponent has proposed to utilize 143 KL/day of treated wastewater for flushing purpose, 04 KLD will be utilized for horticulture purposes & 119 KLD will be used as Makeup water for air condition & 12 KLD will be used as makeup water for DG Cooling. In winter season, 143 KL/day of treated wastewater for flushing purpose, 01 KLD will be utilized for horticulture purposes, 12 KLD will be used as DG Cooling and 122 KLD will be discharged into existing sewer. In rainy season, 143 KL/day of treated wastewater for flushing purpose, 0.3 KLD will be utilized for horticulture purposes, 127.7 KLD will be used as makeup water for air conditioning and 12

KLD as makeup water for DG Cooling.

- The project proponent has submitted letter no. 6512 dated 04.05.2016 issued by MC, Jalandhar wherein it has been mentioned that 289 KLD treated waste water will be discharged into MC sewer by depositing the requisite fees in the office of MC Jalandhar.
- About 688.86 sqm area has been earmarked for green area development in the site.
- The total quantity of solid waste generation will be 2023 kg/day. Primary collection of solid waste will be done by providing Garbage Chute and then it will be transferred manually using covered trolleys to common solid waste segregation area. A separate area of land is earmarked for segregation and management of biodegradable waste by composting. The biodegradable waste will be converted into Manure using mechanical composter. The composter takes 10 days to convert Organic waste to manure. Two Composters of 200 kg capacity each will be installed. Recyclable waste shall be sold to recyclers. Only inert waste shall be sent to municipal dumping site.
- The project proponent has submitted letter no.912 dated 11.05.2016 issued by MC, Jalandhar wherein it has been mentioned that solid waste generated will have to be disposed off to approved dumping site of MC, Jalandhar by the project proponent and the MC Jalandhar will have no objection to give NOC if the project proponent deposit requisite charges.
- The total load of electricity required for said project will be 5000KW which will be taken from the PSPCL. There is a proposal to install silent 5 nos. DG Sets (4X 1500 KVA & 1 x 500 KVA) as stand-by arrangement.
- The project proponent has also proposed to provide 4 no. of rain water harvesting pits to recharge the rain water with total run of @488 m3 per/hr.
- Solar energy will be used in site and total 12264 units per annum will be saved through use of 12 Solar panels.
- Used oil to be generated from the DG sets will be stored in HDPE tanks and sold to the authorized recyclers.
- Mr. Sanjay Seth (Managing Director) of M/s. Shalimar Corp Limited will be responsible for implementation of EMP for 5 years and after that the welfare society of the project will be responsible for the same.
- Rs. 160 lacs will be incurred for implementation of EMP on account of capital

cost and Rs.15 lacs/annum will be incurred on account of recurring charges for implementation of EMP.

- Mr. Sanjay Seth (Managing Director) of M/s. Shalimar Corp Ltd. Will be responsible for implementation of the CSR. The company will contribute 1% of the project cost i.e. Rs. 1 crore towards Social development activities. The list of activities are as under: -
  - **TREE PLANTATION (Rs. 20 Lakhs)**
    - Tree Plantation in nearby surroundings areas
  - **EDUCATION (Rs. 25 Lakhs)**
    - Adoption of schools for their better regulation and expansion of facilities in Govt. Primary School, Satnam Nagar, Jalandhar
    - Programmes for Primary Education in Govt. Primary School, Satnam Nagar, especially for girl children.
    - Provision of RO drinking water in the above mentioned school.
  - **HEALTH (Rs. 30 Lakhs)**
    - Medical facilities, ambulance, periodical health check-up and vaccination for construction labour during construction period
    - Expansion of the existing dispensary in Civil Dispensary at Jalandhar-Nakodar Road, New Market, Bhargav Camp, Malind Nagar, Avtar Nagar, Jalandhar.
  - **SOCIAL AWARENESS PROGRAMMES through NGO (Rs. 15 Lakhs)**
    - On issues like saving and well-upbringing of girl child.
    - Promoting tree plantations, rain water harvesting, provision of solar panels in and around the area, etc.

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

1.	Properly filled Form 1 & 1A	Yes
2.	<p>(a) <b>In case(s) where land has already been purchased/acquired:</b> Proof of ownership of land</p> <p>(b) <b>In case where land is yet to be purchased/acquired:</b> 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>	copy of allotment letter

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, alongwith 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.	Complete details of following by making it an integral part of the conceptual plan/drawing/layout map: - 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
9.	Permission of Competent Authority for; <b>a) Water and Sewerage connection</b> 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 lay out map/plan. b) Collection of Solid waste	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.	Treated water generated from the project will be reused for flushing, irrigation, DG cooling &

		cooling tower. Thus, no treated water will be left after recycling.
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 monitoring of groundwater, ambient air quality, noise &amp; soil can be carried out after at least 72 hours advance intimation to SEIAA, Punjab at the e-mail id: <a href="mailto:seac_pb@yahoo.com">seac_pb@yahoo.com</a> and concerned Regional Office of Punjab Pollution Control Board.</p> <p>(ii) The field data sheets as prescribed by SEIAA, Punjab which are available on the official website of SEIAA, Punjab alongwith 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 &amp; soil monitoring reports.</p> <p>(iii) Water, air, noise &amp; 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>(iv) At least 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>(v) The noise monitoring is to be carried out from all the corners of the project site as well as from the centre of the project site and reports be attached accordingly.</p>	Submitted and concentration of all the parameters are within the prescribed limits.
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</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 wind breaking curtains and water sprinkling system to minimize dust emissions during construction phase.</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 &amp; 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>a) submitted</p> <p>b) submitted</p> <p>c) submitted</p> <p>d) Mr. Sanjay Seth (Managing Director) of M/s. Shalimar Corp Limited will be responsible for implementation of EMP for 5 years and after that the welfare society of the project will be responsible for the same.</p> <p>e) Rs. 160 lacs will be incurred for implementation of EMP on account of capital cost and Rs.15 lacs/annum will be incurred on account of recurring charges for implementation of EMP.</p> <p>f) Mr. Sanjay Seth (Managing Director) of M/s. Shalimar Corp Limited will be responsible for implementation of EMP for 5 years and after that the welfare society of the project will be responsible for the same.</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.	The company will contribute 1% of the project cost i.e. Rs. 1 Crore towards Social development

		activities
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.	Validity of Environmental Clearance has been expired thus; a fresh application has been filed for Environmental Clearance. Thus, this point is not applicable as this is the fresh application for Environmental Clearance.
22.	Copy of presentation to be made before the SEAC at the time of appraisal in PDF format having size less than 25 MB.	-
23.	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
24.	<b>For expansion projects:</b> <ol style="list-style-type: none"> <li>All the columns in the application form may be got filled in three parallel columns i.e. Existing, Proposed and Total.</li> <li>In case of increase in no. of storeys, Structural Safety/ Stability Certificate may be required from the Approved Engineer.</li> <li>The existing building plan may be got super imposed with the proposed building plan and be marked in different colors.</li> </ol>	Not Applicable

	iv. Specify the adequacy of internal water supply system, sewer line and STP for the proposed expansion/revision.	
25.	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.	Project does not involve Forest and Wildlife clearance as no wildlife sanctuary/ forest area is falling within the radius of 10 km from the project site.

A team of Sh. Malvinder Singh, Member (SEAC) and Dr. S.S. Virdi Member (SEAC) was constituted and requested vide mail dated 13.12.2016 to visit the project site to verify the compliance of existing project & construction status with regard to expansion component of the project.

The project site was visited by Sh. Malvinder Singh, Member (SEAC) and Dr. S.S. Virdi Member (SEAC) on 15.12.2016 and the visit report received vide email dated 19.12.2016, was attached as Annexure with the agenda.

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

- (i) Sh. Kuldeepak Singh Bhandari, Project Head.
- (ii) Smt. Priyanka Anand, M/s EQMS India Pvt. Ltd., Environmental Consultant of the promoter Company.

The visiting SEAC members categorically informed that no construction activity of any sort was going on at the project site. It was standstill. The SEAC asked the visiting members regarding the compliance status of condition of already granted Environmental Clearance. The visiting member apprised the SEAC that project proponent is complying with the conditions of Environmental Clearance already granted as applicable at this stage.

The SEAC was apprised about the letter number 97-98 dated 06.05.2016 addressed to the Member Secretary, Punjab Pollution Control Board, Patiala received from Audit Department wherein it was mentioned that during their visit on 12.01.2016 to the site of Metropolitan Mall, Nakodar Road, Jalandhar being developed by MGF Developers by the Audit officers alongwith an officer from PPCB,

RO, Jalandhar, it was observed that construction has been started in Jan 2015 & was in full swing even after the expiry of environmental clearance and without obtaining Consent to Establish of the Punjab Pollution Control Board. The said letter was taken on record by SEAC. To this query, the project proponent admitted the fact that they have carried out the construction activity in their existing site in the year 2015 but it was stopped after the visit by the Audit Department. In view of this statement of the project proponent, the SEAC observed that that it is a case of violation of the provisions of EIA notification dated 14.09.2006 and the case is required to be dealt with as per the OM dated 12.12.12 & 27.06.2013 issued by the MoEF, GOI, New Delhi. The SEAC further observed that list of directors in the company responsible for day to day affairs as submitted by the project proponent are Sanjay Seth, Managing Director, Masood Ahmad, Director, Khalid Masood, Director, Mohd Abdullah Masood, Director, Rajender Prasad Sharma, Director and Kuldeepak Singh Bhandari, authorized signatory.

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. M/s Shalimar Corp Limited and Sanjay Seth, Managing Director; Masood Ahmad, Director; Khalid Masood, Director; Mohd. Abdullah Masood, Director; Rajender Prasad Sharma, Director and Kuldeepak Singh Bhandari, authorized signatory 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 is placed before SEIAA for consideration.

**Item No. 120.06: Request to exonerate & deletion of name from complaint no. 396 dated 18.12.2013 i.e. Punjab Pollution Control Board Vs. Swami Vivekanand Institute of Engineering and Technology, Village Ram Nagar, Banur, Distt. Patiala, pending in the Hon'ble Court of Sub Divisional Judicial Magistrate, Rajpura submitted by Sh. Anurag Goyal S/o Sh. Ram Ratan Goyal.**

The facts of the case are as under:

Sh. Anurag Goyal S/o Sh. Ram Ratan Goyal has submitted its representation dated 19.09.2016 to the Member Secretary (SEIAA). The details of the said representation are as under:

1. That he was working with Swami Vivekanand Institute of Engineering and Technology, Village Ram Nagar, Banur, Distt. Patiala as a Director Planning as a Director Planning from 02.11.2010 to 10.02.2015. He was assigned the duties of Academics at various levels and is to co-ordinate with the Universities to fulfill the requirements of the students. He was not assigned any duty for the creation, construction, up-keeping, maintenance and expansion of the infrastructure of the Institute.
2. That the criminal case is filed for work which was done before his joining in the institute and the violation of EIA Notification, 2006 regarding the construction of the Institute was for the period between 2006 and 2009. Hence, he was not employed in the Institution at the time of violation under EIA Notification, 2006. More so, he was in no way concerned with the creation, construction, up-keeping, maintenance and expansion of the infrastructure of the institute.
3. That he was never part of the management of the Institution and he was not present in the Institute at the time of violation and being employee he was not responsible for the violation under EIA Notification, 2006.
4. That his name deserves to be dropped from the complaint filed by Punjab Pollution Control Board against the management of the Institute to save him from unnecessary harassment and the complaint against his is a slur on my career without fault of mine. He would also like to mention here that he is Diabetic patient and suffering from other allied diseases. His protractore trial in the court is likely to adversely effect on his health.

5. That his matter may kindly be taken up and his request may kindly be examined and the legal cell of Punjab Pollution Control Board may kindly be directed to delete his name from the array of accused.
6. He also submitted a copies of experience certificate for the period of 02.11.2010 to 10.02.2015 issued by the Swami Vivekanand Group of Institute, letter no 29697 dated 05/07/2013 written to the Secretary to Govt. of Punjab, Department of Science, Technology & Environment, Chandigarh by the SEIAA, letter no 103927/1 dated 30.09.2012 written to the Chairman, Punjab Pollution Control Board, Patiala by the Special Secretary to Govt. of Punjab, Department of Science, Technology & Environment, Chandigarh and copy of the clause no 16 of the Environment (Protection) Act, 1986 along with the representation.

The matter was considered by the SEIAA in its 115<sup>th</sup> meeting held on 23.09.2016 and the SEIAA observed that Sh. Anurag Goyal S/o Sh. Ram Ratan Goyal has submitted a request to exonerate & deletion of name from complaint no. 396 dated 18.12.2013 i.e. Punjab Pollution Control Board Vs Swami Vivekanand Institute of Engineering and Technology, Village Ram Nagar, Banur, Distt. Patiala, pending in the Hon'ble Court of Sub Divisional Judicial Magistrate, Rajpura. He has represented that violation has occurred during the period 2006-2009 and he joined the institute on 02.11.2010. Legal action has been initiated against the person(s) responsible by filing a complaint in the court of competent law for the period for which the violation has taken place, whereas he was not associated with the institute in any matter during the violation period. Even during his tenure with the institute, he was not involved in any decision making and was not part of the meetings of Board of Directors nor associated with any construction activity related to the project.

After detailed deliberations, the SEIAA decided that request be forwarded to the Punjab Pollution Control Board be asked to the send the detailed comments in the matter as names of the responsible person to be included in the complaint have been finalized by PPCB.

Accordingly, the Member Secretary, Punjab Pollution Control board has been requested vide letter No. 3436 dated 27.09.2016 to send the detailed comments in the matter.

Now, in reference to SEIAA letter no. 3436 dated 27.09.2016, Environmental Engineer-III (ZP-I), Patiala vide letter no. 489 dated 30.01.2017 informed that the request to exonerate and deletion of name from complaint no. 396

dated 18.12.2013 has been examined by the Board. It has been observed that the construction of the institution was done from 2006 to 2009 in violation of the provisions of EIA notification dated 14.09.2006. Due to the said violations, the complaint was filed against the project proponents and the responsible persons. During the said period, Sh. Anurag Goyal was not the employee of the institute, as he had joined on 02.11.2010. Therefore, the name of Sh. Anurag Goyal has inadvertently been arrayed in the list of accused persons. The Senior Law Officer of the Board has opined that the Board may request the Hon'ble Court to delete the name of Mr. Anurag Goyal from the list of accused in the said complaint.

In view of the facts mentioned above, it has been recommended that the Board may be allowed to request the Hon'ble Court to delete the name of Sh. Anurag Goyal s/o Sh. Ram Rattan Goyal from the list of accused persons in the said complaint pending before the Hon'ble Court.

The matter is placed before SEIAA for consideration.



**Item No.120.07 Complaint against M/s Janta Land Promoters Pvt. Ltd., SAS Nagar, Mohali in the projects namely "Super Mega Mixed Use Integrated Industrial Park" and "Galaxy Heights" located at Sector-66A, 82 & 83, SAS Nagar, Mohali by the Director, Environment, Department of Environment, Chandigarh Administration, 3rd floor Paryavaran Bhawan, Sector 19-B, Madhya Marg, Chandigarh.**

The facts of the case are as under:

As per record available with SEIAA,

1. Environmental clearance has been granted vide No. SEIAA/2015/8257 dated 16.12.2015 for developing a project namely "Super Mega Mixed Use Integrated Industrial Park" at Sector 82, 83 & 66A, SAS Nagar, Mohali by M/s Janta Land Promoters Ltd by the SEIAA in its 98<sup>th</sup> meeting held on 28.11.2015.
2. Environmental clearance has been granted vide No. SEIAA/2015/8247 dated 16.12.2015 for construction of a group housing project namely "Galaxy Heights" at JLPL Super Mega Mixed Use Integrated Industrial Park, Sector-66A, 82 & 83, SAS Nagar, Mohali developed by M/s Janta Land Promoters Pvt. Ltd by the SEIAA in its 98<sup>th</sup> meeting held on 28.11.2015.

The Punjab Pollution Control Board, Zonal Office-I, Patiala vide letter no. 3140 dated 03.06.2016 informed that a complaint from the Director, Environment, Department of Environment, Chandigarh Administration, 3rd floor Paryavaran Bhawan, Sector 19-B, Madhya Marg, Chandigarh vide memo no. 891 dated 11.05.2016 has been received against M/s Janta Land Promoters Pvt. Ltd., SAS Nagar, Mohali.

The Director Environment vide memo no. 891 dated 11.05.2016 informed that Letter no FOR/16/208 dated 29.04.2016 has been received from the Deputy Conservator of Forests (WL), Chandigarh wherein he informed that M/s Janta Land Promoters Pvt. Ltd., SAS Nagar, Mohali (Punjab) had applied for Wildlife Clearance for the project of Super Mega Mixed use Integrated Industrial Park Project and Galaxy Heights located at Sector 82, 83 & 66A, Mohali, to the Department of Forest & Wildlife, UT, Chandigarh on 20.07.2015, as the projects falls within 10 KM boundary of Sukhna Wildlife Sanctuary and City Bird Sanctuary.

After conducting field visit by the Deputy Conservator of Forest (WL), UT, Chandigarh, it was found that the construction of "Super Mega Mixed use Integrated Industrial Park Project had already been started without taking prior Wildlife Clearance, which is mandatory as per EIA notification 2006 and Wildlife Protection Act, 1972 too. Resultantly, the project proponent violated the provisions of Environment Protection Act, 1986 and suitable action as per Act is required to be initiated against the project proponent by the Competent Authority. Further, the Director Environment has requested to initiate suitable action as per Environment Protection Act, 1986 against the above said project proponent.

The matter was placed before the SEIAA in its 109th meeting held on 15.06.2016 and the SEIAA observed that construction of "Super Mega Mixed use Integrated Industrial Park Project is violation of Wildlife Protection Act, 1972. However, the Director Environment, Department of Environment, Chandigarh Administration, has requested in the matter to initiate suitable action against the project proponents as per Environment Protection Act, 1986.

After detailed deliberations, the SEIAA decided that legal opinion may be obtained from the Law Officer, Punjab Pollution Control Board in the said matter as to whether action is required to be taken by the Department of Forest & Wildlife/ Forest Division of MoEF for carrying out the construction activity without NBL permission or SEIAA/ Northern Regional office of MoEF for violation of following conditions of Environmental Clearance:

- (i) The project proponent shall obtain permission from the National Board of Wild Life and the promoter company shall not carry out any construction activity at site till the said permission is obtained and the copy of the same be submitted to the SEIAA, Punjab. The grant of environmental clearance does not necessarily imply that wildlife clearance shall be granted to the project and the proposal for grant of wildlife clearance will be considered by the respective authorities on merits.
- (ii) 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 project proponents from the competent authorities including Punjab Pollution Control Board and from other statutory bodies as applicable.

Accordingly, the Law Officer, Punjab Pollution Control Board was requested vide letter No. 2845 dated 28.06.2016 to give legal opinion in the matter. But, no reply has been received from the Board.

The matter was again placed before the SEIAA in its 116th meeting held on 20.10.2016 and the SEIAA observed as under: -

1. Construction of "Super Mega Mixed Use Integrated Industrial Park Project is violation of Wildlife Protection Act, 1972 as the projects falls within 10 Km boundary of Sukhna Wildlife Sanctuary and City Bird Sanctuary. And Department of Environmental, Chandigarh has requested to initiate suitable action against the project proponents as per provisions of Environment (Protection) Act, 1986.
2. As per record available with SEIAA, Environmental clearance have been granted vide no. SEIAA/2015/8257 dated 16.12.2015 for developing a project namely "Super Mega Mixed Use Integrated Industrial Park" at Sector 82, 83 & 66A, SAS Nagar, Mohali by M/s Janta Land Promoters Ltd and vide no. SEIAA/2015/8247 dated 16.12.2015 for construction of a group housing project namely "Galaxy Heights" at JLPL Super Mega Mixed Use Integrated Industrial Park, Sector-66A, 82 & 83, SAS Nagar, Mohali developed by M/s Janta Land Promoters Pvt. Ltd.
3. As far as starting of construction work by the Project Proponent without obtaining Environment Clearance is concerned, a complaint had already been filed in the Hon'ble Court of JMIC, SAS Nagar for starting construction/development work of the project namely "Super Mega Mixed Use Integrated Industrial Park" at Sector-82, 83 & 66A, SAS Nagar without obtaining environmental clearance under EIA Notification dated 14/09/2006 by the Punjab Pollution Control Board.
4. As far as starting of construction activity by the project proponent without obtaining wildlife clearance under the Wildlife (Protection) Act, 1972 is concerned, it has been noticed that sub rule (2) of Rule (24) of the Environment (Protection) Rules, 1986 regarding effect of other Laws provided as under:  
"Where any act or omission constitutes an offence punishable under the Act and also under any other Act then the offender found guilty of such offence shall be liable to be punished under the other Act and not under this Act." Thus, the violation made by the project proponent under Wildlife (Protection) Act, 1972 is not liable for action under Environmental Protection Act, 1986.
5. Further, as per the OM No. J-11013/41/2006-IA. II (I) dated 02/12/2009 and F.No.-J-11013/41/2006-IA. II (1) (part) dated 30.03.2015 issued by the Ministry of

Environment, Forest & Climate Change, New Delhi, the proposal for environment clearance will not be linked with the clearances from forestry and wildlife angle even if it involves forestland and or wildlife habitat as these clearances are independent of each other and activity at site. Further, it will also be categorically stated in the environment clearance that grant of environment clearance does not necessarily implies that forestry and wildlife clearance shall be granted to the project and that their proposals for forestry and wildlife clearance will be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any, based on environment clearance so granted, in anticipation of the clearance from forestry and wildlife angle shall be entirely at the project proponent and Ministry of Environment & Forests shall not responsible in this regard in any manner.

After detailed deliberations, the SEIAA decided that the Department of Environment Chandigarh Administration be informed quoting sub rule (2) of Rule (24) of the Environment (Protection) Rules, 1986 that action on the violation made by the project proponent under Wildlife (Protection) Act, 1972, is required to be taken by the Competent Authority under the provisions of said Act itself and SEIAA has already initiated legal action against the project proponent for violation the provisions of EIA Notification, 2006. Further, if any clarification in the matter is required then Ministry of Environment, Forest and Climate change, New Delhi may be consulted.

Accordingly, the decision of SEIAA has been conveyed vide letter no. 3547 dated 07.11.2016 to Northern Regional office of Ministry of Environment, Forest and Climate change.

Now, Additional Director, Department of Environment vide memo no. SA-ED-2017/153 dated 23.01.2017 has replied in reference to the letter no. 3547 dated 07.11.2016. The said letter is briefed as under: -

- 1) That violation made by the Project Proponent for not obtaining prior clearance from National Board of Wildlife, is not to be dealt under Wildlife (Protection) Act, 1972 as this Act deals with violation inside Wildlife Sanctuary/National Park.
- 2) That as per OM issued by the MOEFCC (IA division) vide F. No. J-11013/41/20076-IA-II(I)(part) dated 20<sup>th</sup> Aug, 2014 and OM issued by MOEFCC (WL division) vide No. 1-20/2014/WL Dated 26<sup>th</sup> September,

2014; "the requirement of Wildlife Clearance from the standing committee of NBWL for the development projects located within 10 km of National Park & Sanctuaries", is a part of Environment Clearance (EC) process pursuant to the Supreme Court Order Dated 04/12/2006 in WP (c) 460/2004.

- 3) That it is, therefore, requested to please take cognizance to this violation for not obtaining prior (Wildlife Clearance) under EPA, 1986 and the same shall be informed to Hon'ble Court while framing charge against the project Proponent.

The matter is placed before SEIAA for consideration.

**Item no.120.08: Streamlining of Environment Clearance for building and real estate sector.**

The facts of the matter are as under:

The Govt. vide memo no. 10/12/2017-STE (5)/910510/2 dated 17/01/2017, has send a copy of the Notification dated 09.12.2016 along with D.O. addressed by Sh. Anil Madhav Dave, Minister of State (independent charge), MoEF & CC to Sh. Parkash Singh Badal, Hon'ble CM, Punjab and D.O letter addressed by Sh. A.N Jha, IAS, Secretary to GOI, MoEF & CC to Sh. Sarvesh Kaushal, Hon'ble Chief Secretary, and it has desired to take necessary action and send draft reply.

As per above amendment dated 09.12.2016 in EIA notification, the Central Government has recently evolved a new framework and institutional structure for environmental clearance for building and construction sector. Paragraph 14 of the Notification envisages that the objective monitorable environmental conditions should be incorporated in the building bye-laws. The notification has been introduced for the first time, several new features including grant of permission on the basis of self-declaration, certification by Qualified Building Environment Auditors, mechanism to ensure continued compliance of the environmental conditions, setting up of a Environmental Cell in local authority and provision of penalty for non-compliance of the environmental conditions and parameters, etc.

Appendix-XVI of the Notification envisages that an Environmental Cell shall be setup at the local authority level to support compliance and monitoring of environmental conditions in buildings. The cell shall also provide assistance in environmental planning and capacity building within their jurisdiction. The responsibility of this cell would be monitoring the implementation of this notification and providing an oversight to the Third-Party Auditing process. The cell will operate under the local authority. Constitution of the cell, financial support and function of the cell has also been described in this appendix. Therefore, local authority is required to be taken necessary steps for the successful implementation of the notification.

The States adopting the objectives and monitorable environmental conditions referred to in subparagraph (1) of Paragraph 14 of the said Notification, in the building bye-laws and relevant State laws and incorporating these conditions in the approvals given for building construction making it legally enforceable shall not require a separate environmental clearance from the Ministry of Environment, Forest

and Climate Change for individual buildings. The states which are willing to implement the provisions of this Notification, will be required to send the draft of changes in their building bye-laws, incorporating the essential features enumerated in the notification for concurrence of the Ministry of Environment, Forest and Climate Change, Government of India.

The category wise brief procedure as laid down in the said notification is as under:

**Case I: BUILDINGS CATEGORY '1' (5,000 to < 20,000 Square meters)**

A Self declaration Form to comply with the environmental conditions (Appendix XIV) along with Form 1A and certification by the Qualified Building Environment Auditor to be submitted online by the project proponent besides application for building permission to the local authority along with the specified fee in separate accounts. Thereafter, the local authority may issue the building permission incorporating the environmental conditions in it and allow the project to start based on the self-declaration and certification along with the application. After completion of the construction of the building, the project proponent may update Form 1A online based on audit done by the Qualified Building Environment Auditor and shall furnish the revised compliance undertaking to the local authority. Any non-compliance issues in buildings less than 20,000 square meters shall be dealt at the level of local body and the State through existing mechanism.

**Case II : OTHER BUILDINGS CATEGORIES ( $\geq$  20,000 Square meters but < 150000 sqm)**

The project proponent may submit online application in Form 1-A alongwith specified fee for environmental appraisal and additional fee for building permission. The fee for environmental appraisal will be deposited in a separate account. The Environment Cell will process the application and present it in the meeting of the Committee headed by the authority competent to give building permission in that local authority. The Committee will appraise the project and stipulate the environmental conditions to be integrated in the building permission. After recommendations of the Committee, the building permission and environmental clearance will be issued in an integrated format by the local authority. Such approvals given for building construction shall not require a separate EC from MoEF & CC for individual buildings. The State Governments may enact the suitable law for imposing penalties for non-compliances of the Environmental conditions and parameters. The

Cell shall recommend financial penalty, as applicable under relevant State laws for non-compliance of conditions or parameters to the local authority. On the basis of the recommendation of the Cell, the local authority may impose the penalty under relevant State laws.

The matter is placed before SEIAA for consideration.



**Item no. 120.09: A legal notice of Advocate Chetan Bansal, Advocate , Punjab & Haryana High Court, Chandigarh on behalf of his client Sh. Amandeep Singh son of S. Wazinder Singh, resident of Village Hamza, Post Office and Tehsil Dasuya, District Hoshiarpur in the matter of quarries of Village Tagar Kalan, Tehsil Mukerian, Distt. Hoshiarpur and Village Rara, Tehsil Dasuya, Distt. Hoshiarpur.**

The facts of the case are as under: -

A Legal notice has served on 18.10.2016 by the Sh. Chetan Bansal, Advocate , Punjab & Haryana High Court, Chandigarh resident of house no 3172, SECTOR 21-D, Chandigarh on behalf of his client Sh. Amandeep Singh son of S. Wazinder Singh, resident of Village Hamza, Post Office and Tehsil Dasuya, District Hoshiarpur to Member Secretary, State Level Environmental Impact Assessment Authority (SEIAA), C/o Punjab Pollution Control Board, Nabha Road, Patiala among others the Deputy Commissioner, Hoshiarpur, S.D.M., Hoshiarpur, District Forest Officer, Hoshiarpur, District Soil Conservation Officer, Hoshiarpur, General Manager-cum-Mining Officer, District Hoshiarpur, Director, Mining, Punjab, Department of Industries and Commerce, 17 Bays Building, Sector -17, Chandigarh. The contents of the notice is reproduced as under: -

1. "That as per Rule 5 of the Punjab Minor Mineral Rules, 2013, a State Appraisal Committee is to be constituted in every sub-division of the State of Punjab consisting of eight members mentioned in the said Rule and the said Committee is to appraise all mineral prone sites including self- identified quarries and send its detailed observations to the Director of Industries and Commerce, Punjab through the Deputy Commissioner of the District concerned. Thereafter, the Director hires a licensed consultant so as to prepare a mining plan in respect of quarries appraised by State Appraisal Committee so as to obtain environmental Clearance.
2. That the site Appraisal Committee of Hoshiarpur Sub-division has shortlisted quarries in following two Villages: -
  - i) Village Tagar Kalan Tehsil Mukerian, District Hoshiarpur, and
  - ii) Village Rara, Tehsil Dasuya, District Hoshiarpur.

Site Appraisal Committee of Hoshiarpur Sub-division has sent the aforesaid identified quarries to the Director through Deputy Commissioner, Hoshiarpur so as to seek approval from the District Environment Impact Assessment Authority

(DEIAA). It is worth mentioning here that as per Notification No. S.O. 141 (E) dated 15.01.2016 issued by the Ministry of Environment, Forest and Climate Change, the DEIAA shall base its decision on the recommendations of District Level Expert Appraisal Committee (DEAC).

3. That my aforesaid client has reliably learnt that the aforesaid Site Appraisal Committee has sent aforesaid two quarries for approval without even actually visiting the site of any of the said quarries. So much so, the report of the Site Appraisal Committee has not even been signed by all the members of the said Committee and rather signatures of some of the members have been made by their subordinates who had no authority to do so. Had the members of the Site Appraisal Committee visited the sites of the said quarries, they would have come to know that the area of the said sites come under active water channel and are also under cultivation. My client has also learnt that no demarcation was ever got done while short listing the said sites/quarries.
4. That as per the aforesaid Notification dated 15.01.2016 issued by the Ministry of Environment Forest and Climate Change, the DEAC are to constitute experts but my client has learnt that no such expert has been made member of either of the said Committee/Authority. So much so, the reports prepared by the DEAC and DEIAA have also not been signed by all their members and rather signatures of some of the members have been made by the DEIAA also without its members having ever visited the aforesaid quarries.
5. That as per Appendix X of the aforesaid Notification dated 15.01.2016, the District Survey Report shall be prepared for each minor mineral in the District separately and its draft shall be placed under the public domain by keeping its copy in Collector rate and posting it on District's website for 21 days so as to call upon the comments and the final report is to be prepared thereafter by the DEIAA within a period of six months thereafter. However, in the present case no public notice as such was issued in any of the newspapers so as to apprise the affected persons about the same.
6. That in view of the aforesaid serious lapses/ illegalities, the action of appraising/short listing the aforesaid two quarries becomes not highly questionable but also absolutely untenable and unsustainable in the eyes of law.

In view of the facts and circumstances mentioned above, through the present justice demand notice, I hereby call upon you not to grant environmental

clearance to the aforesaid two quarries failing which under the clear instructions of my aforesaid client, I shall be constrained to approach Hon'ble High Court of Punjab and Haryana, Chandigarh, for issuance of appropriate and necessary directions in this regard and in that eventuality, you alone shall be responsible for the cost and expenditure incurred in such a litigation.

A copy of the present justice demand notice has been retained for further necessary action."

The case was considered by the SEIAA in its 117<sup>th</sup> meeting held on 10.11.2016.

After detailed deliberations the SEIAA decided as under: -

- (i) The environmental clearance status of mining sites mentioned in the legal notice be checked from existing record of SEIAA and report be placed in its next meeting.
- (ii) In case environmental clearance has not been granted yet and no environmental clearance application has been received, so far, the check list of mining projects be amended and additional status verification with regard to legal notice received/court case pending, if any, be added to ensure that this aspect does not get overlooked at the time of scrutiny.
- (iii) The legal notice has also been served upon DEIAAs as such, comments from the respective DEIAA be also obtained.

The point wise action taken on the decisions of 117<sup>th</sup> meeting of SEIAA held on 10.11.2016 are as under:

- (i) The environmental clearance status of mining sites mentioned in the legal notice has been checked from existing record of SEIAA and report of the same is as under:

<b>Sr. No.</b>	<b>Location of the Mining site</b>	<b>Applied by the project proponent</b>	<b>Latest status of the application as on 22.11.2016</b>
1.	Village Tagar Kalan Tehsil Mukerian, District Hoshiarpur, and	12.10.2016 on the web portal	EDS raised on 14.10.2016 during scrutiny. The application has not been resubmitted by the project proponent.
2.	Village Rara, Tehsil Dasuya, District Hoshiarpur.	12.10.2016 on the web portal	EDS raised on 14.10.2016 during scrutiny. The application has not been resubmitted by the project proponent.

- (ii) The check list of mining projects has been amended (Annexure-1 of the agenda) to ensure that aspect of the legal notice does not get overlooked at the time of scrutiny. However, it is pertinent to inform that none of the above mining site has been granted environmental clearance by the SEIAA so far.
- (iii) The DEIAA, Hoshiarpur vide letter no. 3643 dated 21.11.2016 has been requested to send the para wise comments on the legal notice dated 18.10.2016 to SEIAA, Punjab at the earliest.

The matter was considered by the SEIAA in its 118th meeting held on 23.11.2016. The SEIAA observed that none of the mining site has been granted Environment Clearance by the SEIAA so far.

After detailed deliberations, the SEIAA decided that case be placed before it again, as and when report in the matter is received from the DEIAA, Hoshiarpur.

It is submitted that earlier, the DEIAA, Hoshiarpur vide letter no. 3643 dated 21.11.2016 and 3712 dated 05.12.2016 was requested to send the para wise comments on the legal notice dated 18.10.2016 to SEIAA, Punjab at the earliest.

Now, the Deputy Commissioner Hoshiarpur vide letter No. 12 dated 06.01.2017 has forwarded the reply of the Legal Notice prepared by the General Manager cum mining officer, DIC Hoshiarpur sent vide letter no 2296 dated 30.12.2016 in reference to the SEIAA letter No. 3643 dated 21.11.2016. The para-wise reply of the Legal notice is reproduced as under:

1. That para No. 1 of the legal notice is correct. Site Appraisal Committee in all the Sub-Division in District Hoshiarpur has been constituted & Director Mining hired the licensed consultant Shivalik Solid Waste Management Ltd. (UPL. Enviro Infrastructure Group Co.) Village Majra, PO. Dabhota, Tehsil Nalagarh, Distt. Solan, Himachal Pradesh.
2. That the para. No. 2 of the Legal Notice is correct to the extent that the identified quarries of village Tagar Kalan & Village Rara were sent to the Director Mining through Deputy Commissioner Hoshiarpur after the approval from the Site Appraisal Committee. The areas of these two quarries have excess than 5 hectare after preparing the Mining plan were submitted in the State Level Expert Appraisal Committee (SEAC).

3. In reply to para no. 3 of the legal notice, it is submitted that the meeting of Site Appraisal Committee of Quarry of village Rara Hadbast No. 522, Tehsil Dasuya was held on 23.01.2014 in the Chairmanship of Sub Divisional Magistrate Dasuya as per Rule 5 of the Punjab Minor Mineral Rules 2013. Except to it's the meeting of Site Appraisal Committee of quarry Village Tagar Kalan, Hadbast No. 331, Tehsil Mukerian was held under Rule 5 of the Punjab Minor Mineral Rules 2013 on 03.02.2014 in the Chairmanship of Sub Divisional Magistrate Mukerian, District Hoshiarpur.
4. In reply to Para No. 4 of the Legal Notice, it is submitted that DEAC and DEIAA Committee has been established in District Hoshiarpur as per notification No. SO.190(E) dated 20.01.2016 issued by the Indian Govt. Ministry of Environment Forest and Climate Change & the nomination of the Expert has been made in these committee.
5. That in reply to para No. 5 it is submitted that after preparing the District Survey Report the same was published on the website Hoshiarpur.
6. That para No. 6 of Legal notice is wrong, baseless and the same is denied.

The matter is placed before SEIAA for consideration.

**Item no. 120.10: A legal notice of Advocate Chetan Bansal, Advocate, Punjab & Haryana High Court, Chandigarh on behalf of his client Sh. Amandeep Singh son of S. Wazinder Singh, resident of Village Hamza, Post Office and Tehsil Dasuya, District Hoshiarpur in the matter of quarries of Village Bhaini Paswal, Tehsil & District Gurdaspur, Village Rampur, Talwara, Ballarwal, Samrai, Tehsil Batala, District Gurdaspur.**

The facts of the case are as under: -

A Legal notice has served on 18.10.2016 by the Sh. Chetan Bansal, Advocate, Punjab & Haryana High Court, Chandigarh resident of house no 3172, SECTOR 21-D, Chandigarh on behalf of his client Sh. Amandeep Singh son of S. Wazinder Singh, resident of Village Hamza, Post Office and Tehsil Dasuya, District Hoshiarpur to Member Secretary, State Level Environmental Impact Assessment Authority (SEIAA), C/o Punjab Pollution Control Board, Nabha Road, Patiala among others the Deputy Commissioner, Gurdaspur, S.D.M., Gurdaspur, District Forest Officer, Gurdaspur, District Soil Conservation Officer, Gurdaspur, General Manager-cum-Mining Officer, District Gurdaspur, Director, Mining, Punjab, Department of Industries and Commerce, 17 Bays Building, Sector -17, Chandigarh. The contents of the notice is reproduced as under: -

1. "That as per Rule 5 of the Punjab Minor Mineral Rules, 2013, a State Appraisal Committee is to be constituted in every sub- division of the State of Punjab consisting of eight members mentioned in the said Rule and the said Committee is to appraise all mineral prone sites including self- identified quarries and send its detailed observations to the Director to Industries and Commerce, Punjab through the Deputy Commissioner of the District concerned. Thereafter, the Director hires a licensed consultant so as to prepare a mining plan in respect of quarries appraised by State Appraisal Committee so as to obtain environmental clearance.
2. That the site Appraisal Committee of Gurdaspur and Batala Sub-divisions have shortlisted quarries in following five Villages: -
  - i) Village Bhaini Paswal, Tehsil and District Gurdaspur
  - ii) Village Rampur, Tehsil Batala, District Gurdaspur
  - iii) Village Talwara, Tehsil Batala, District Gurdaspur

iv) Village Ballarwal, Tehsil Batala, District Gurdaspur

v) Village Samrai, Tehsil Batala, District Gurdaspur

Site Appraisal Committee of Gurdaspur and Batala sub- divisions have sent the aforesaid identified quarries to the Director through Deputy Commissioner, Gurdaspur so as to seek approval from the District Environment Impact Assessment Authority (DEIAA). It is worth mentioning here that as per Notification No. S.O. 141 (E) dated 15.01.2016 issued by the Ministry of Environment, Forest and Climate Change, the DEIAA shall base its decision on the recommendations of District Level Expert Appraisal Committee (DEAC).

3. That my aforesaid client has reliably learnt that the aforesaid Site Appraisal Committees have sent aforesaid five quarries for approval without even actually visiting the site of any of the said quarries. So much so, the reports of the Site Appraisal Committees have not even been signed by all the members of the said Committees and rather signatures of some of the member's haven been made by their subordinates who had no authority to do so. Had the members of the site Appraisal Committee visited the sites of the said quarries, they would have come to know that the area of the said sites come under active water channel and are also under cultivation. Two of the appraised quarries, which fall in Village Bhaini Paswal and Samrai, in fact, immediately abut the forest area, which through falls in District Hoshiarpur. My client has also learnt that no demarcation was ever got done while short listing the said sites/quarries.
4. That as per the aforesaid Notification dated 15.01.2016 issued by the Ministry of Environment Forest and Climate Change, the DEAC as well as DEIAA are to constitute experts but my client has learnt that no such expert has been made member of either of the said Committee/Authority. So much so, the reports prepared by the DEAC and DEIAA have also not been made by their subordinates who have no authority to do so. Report has been prepared by the DEIAA also without its members having ever visited the aforesaid quarries.
5. That as per Appendix X of the aforesaid Notification dated 15.01.2016, the District Survey Report shall be prepared for each minor mineral in the District separately and its draft shall be placed under the public domain by keeping its copy in Collectorate and posting it on District's website for 21 days so as to call upon the comments and the final report is to be prepared thereafter by the DEIAA within a period of six months thereafter. However, in the present case no public notice as

such was issued in any of the newspapers so as to apprise the affected persons about the same.

6. That in view of the aforesaid serious lapses/illegalities, the action of appraising/short listing the aforesaid five quarries become not highly questionable but also absolutely untenable and unsustainable in the eyes of law.

In view of the facts and circumstances mentioned above, through the present justice demand notice, I hereby call upon you not to grant environmental clearance to the aforesaid five quarries failing which under the clear instructions of my aforesaid client, I shall be constrained to approach Hon, ble High Court of Punjab and Haryana, Chandigarh, for issuance of appropriate and necessary directions in this regard and in that eventuality, you alone shall be responsible for the cost and expenditure incurred in such a litigation.

A copy of the present justice demand notice has been retained for further necessary action."

The case was considered by the SEIAA in its 117<sup>th</sup> meeting held on 10.11.2016.

After detailed deliberations the SEIAA decided as under: -

- (i) The environmental clearance status of mining sites mentioned in the legal notice be checked from existing record of SEIAA and report be placed in its next meeting.
- (ii) In case environmental clearance has not been granted yet and no environmental clearance application has been received, so far, the check list of mining projects be amended and additional status verification with regard to legal notice received/court case pending, if any, be added to ensure that this aspect does not get overlooked at the time of scrutiny.
- (iii) The legal notice has also been served upon DEIAAs as such, comments from the respective DEIAA be also obtained.

The point wise action taken on the decisions of 117<sup>th</sup> meeting of SEIAA held on 10.11.2016 are as under:

- (i) The environmental clearance status of mining sites mentioned in the legal notice has been checked from existing record of SEIAA and report of the same is as under:



<b>Sr. No.</b>	<b>Location of the Mining site</b>	<b>Applied by the project proponent</b>	<b>Latest status of the application as on 22.11.2016</b>
1.	Village Bhaini Paswal, Tehsil and District Gurdaspur	10.09.2016 on the web portal	EDS raised on 19.09.2016 during scrutiny. The application has not been resubmitted by the project proponent.
2.	Village Rampur, Tehsil Batala, District Gurdaspur	GMDIC, Balwinder Singh Walia informed telephonically that case is applied to DEAC	Case is under process at DEIAA/DEAC level.
3.	Village Talwara, Tehsil Batala, District Gurdaspur	GMDIC, Balwinder Singh Walia informed telephonically that case is applied to DEAC	Case is under process at DEIAA/DEAC level.
4.	Village Ballarwal, Tehsil Batala, District Gurdaspur	GMDIC, Balwinder Singh Walia informed telephonically that application for filing is being prepared and same will be filed within a week.	Application has not yet filed before SEIAA.
5.	Village Samrai, Tehsil Batala, District Gurdaspur	The SEAC decided in its 126th meeting held on 11.09.2015 that a sub-committee of Dr. M.S. Bhatti, Member (SEAC), Secretary (SEAC), Environmental Engineer (SEAC) & General Manager - cum -Mining Officer, Batala be constituted to verify the facts at site and submit its report within 15 days.	The decision of SEAC has been conveyed to the concerned SEAC members vide letter No. 4561 dated 07.09.2015. But, no report of the same has been received so far.

- (ii) The check list of mining projects has been amended (Annexure-1 of the agenda) to ensure that aspect of the legal notice does not get overlooked at the time of scrutiny. However, it is pertinent to inform that none of the

above mining site has been granted environmental clearance by the SEIAA, so far.

- (iii) The DEIAA, Gurdaspur vide letter no. 3644 dated 21.11.2016 has been requested to send the para wise comments on the legal notice dated 18.10.2016 to SEIAA, Punjab at the earliest.

The matter was considered by the SEIAA in its 118th meeting held on 23.11.2016. The SEIAA observed that none of the mining site has been granted Environment Clearance by the SEIAA so far.

After detailed deliberations, the SEIAA decided that case be placed before it again, as and when report in the matter is received from the DEIAA, Gurdaspur.

It is submitted that earlier, the DEIAA, Gurdaspur vide letter no. 3644 dated 21.11.2016 and again vide letter no 3713 dated 05.12.2016 was requested to send the para wise comments on the legal notice dated 18.10.2016 to SEIAA, Punjab at the earliest. But, no reply has been received in this office so far.

The matter is placed before SEIAA for consideration please.

**Item No. 120.11: Environmental Clearance granted to M/s Star Realtech & Developers (P) Ltd. for its project "Western Towers" (Rahio Heights) in the revenue estate of Kharar, Distt. SAS Nagar (Proposal no. SIA/PB/NCP/40910/2016).**

The facts of the case are as under:

The Member Secretary, Punjab Pollution Control Board, Head office, Patiala vide letter no. 8338 dated 06/12/2016 in reference to the SEIAA letter no. 2552-60 dated 10/06/2016, has informed as under:

1. M/s Star Realtech & Developers Pvt. Ltd. has been granted Environmental Clearance vide letter no. 2552-60 dated 10/06/2016 for expansion of group housing project namely Western Towers (Rahio Heights) in the revenue estate of Kharar on 3.40-acre land and the increased built up area of 31,288 sqm from 261 flats, subject to conditions during pre-construction phase, construction phase and operation phase and entire life.
2. The project proponent has applied for obtaining NOC from pollution angle from the Board and the site has been visited by the officer of the Board on 13/10/2016 and it has been reported that the site of the project falls within MC limit of Kharar, but 3 air polluting industries (Rice Shellers) are existing within a radius of 100 meters from the project site. The project proponent is required to provide 15-meter green belt of broad leaf trees towards these industries as per the stipulation in the order dated 25/07/2008 (Annexure-I of agenda) as amended on 30/10/2009 (Annexure-II of agenda) by Department of Science, Technology and Environment. But, no condition in this regard has been imposed in the Environment Clearance granted to the project.
3. The impact of these air polluting industries might have been taken into account as these industries are located within the study zone of the project for environment clearance. As per the master plan, the area falls under residential zone.
4. It is requested to intimate the impact of these air polluting industries on the project and whether the promoter company is required to provide a green belt of 15 meter wide broad green leaved tree as per provision of para 6 (3) of order dated 25/07/2008 or not. So as to proceed further in the matter to decide the application for NOC from pollution angle.

It is pertinent to mention here that the Environment Engineer, Punjab Pollution Control Board, Mohali has not reported in visit report sent vide letter no 1410 dated 24.02.2016 about the existence of rice sheller with in radius of 100 mtr from the project site. Moreover, the project proponent has also not considered any impact of rice sheller on the project. However, project proponent submitted that project confirms to the land use as per the master plan i.e. area falls under residential zone. The Project proponent submitted a copy of the site plan dated 20/03/2015 approved by the MC, Kharar.

The case was considered by the SEIAA in its 119th meeting held on 01.04.2016 and SEIAA observed that

1. Environment Engineer, Punjab Pollution Control Board, Mohali vide letter no 1410 dated 24.02.2016 has sent only the construction status of the project and whereas existence of three rice shellers within a radius of 100 mtr from the project site has not been reported in the visit report.
2. The project proponent has not provided any details of 3 Nos rice sheller existing within a radius of 100 m from project site and has not made any impact assessment due to these rice shellers. Against coloumn No. 11 of the Environment Clearance application which requires information regarding "Area already subjected to pollution or environmental damage", the Project proponent had provided the information that "No critically polluted area is located within 20 Km radius"
3. Specific guidelines issued by the Punjab Pollution Control Board/State Govt. with regard to maintaining certain minimum distance between residential projects and polluting industries units are to be taken care of by Punjab Pollution Control Board at the time of considering NOC application and Ministry of Environment, Forest and Climate change, New Delhi has not issued any siting guidelines for such projects, which are required to be considered by SEIAA.
4. The project proponent is required to obtain NOC from Punjab Pollution Control Board under Water Act & Air Act and Environment Clearance under EIA Notification, 2006. Both entities are independent from each other and can be decided separately.

After deliberations, SEIAA decided that

1. PPCB be requested to decide the NOC application as per the state policy and any information regarding impact of the Air polluting industries (3 numbers Rice Shellers) is not available with SEIAA.
2. Show cause notice for cancellation/ revocation of Environment Clearance granted, be issued to the project proponent for concealment of facts and not providing complete information in the Environment Clearance application.

Accordingly, in compliance to the above said decisions, the following action have been taken:

1. The decision of SEIAA has been conveyed vide letter no. 43 dated 23.01.2017 to the Member Secretary.
2. Show cause Notice has been issued vide letter no. 45 dated 23.01.2017 to the project proponent.

Now, M/s Star Realtech & Developers Private Ltd. vide its letter dated Nil has submitted its reply to the show cause notice in reference to the SEIAA letter no. 45 dated 23.01.2017. The reply of the project proponent is annexed as **Annexure-A** for kind perusal.

The matter is placed before SEIAA for consideration.

**Item 120.12      CWP No.21729 of 2016- Gurbaksh Singh & Others Vs. Union of India and others.**

The facts of the case are as under:

A letter on the subject cited matter has been received on 06/01/2017 from the Department of Science, Technology & Environment vide memo no. 3/49/2016-STE (4) 903111/3 dated 02/01/2017, which is addressed to Advocate General Punjab and copy of the same Punjab Pollution Control Board and SEIAA.

In the said letter, it has been asked to SEIAA that facts related to the allegation raised in the said writ petition be checked and if any violation of Law/Rule/Notification found then requisite action will be taken immediately as per the Law and action taken report in the matter be sent to the Government.

The application relates to illegal mining of sand, stone and Bajri in Village Chandpur and other adjoining villages, Tehsil Anandpur Sahib District Rupnagar. The said application is pending before the Hon'ble High Court Chandigarh and the next date of hearing is 02.02.2017. The prayers of the petitioners (1 to 2) before the Hon'ble High Court, Chandigarh are briefed as under:

- 1 That issue an appropriate writ order or direction in the nature of mandamus, directing respondent No. 2 to 8 to check illegal mining of sand, stone and bajri by respondents no. 9 to 13 from the agriculture lands of village Chandpur and ensure that mining of the major or minor minerals is allowed in village Chandpur, tehsil Anandpur Sahib of Distt, Rupnagar of respondent State strictly in accordance with rule and regulation and after obtaining environmental clearance in the term of Central Govt. Notification dated 14.09.2006 issued under Environment Protection Act, 1986 and also in accordance with the direction issued by this Hon'ble Court in CWP No. 20134 of 2004 Vijay Bansal Vs. State of Haryana and issue any other appropriate writ order or direction which this Hon'ble Court deem fit and proper in the peculiar circumstances of the present case:
- 2 That during the pendency of the present writ petition respondents 2 to 7 may kindly be directed to stop the illegal mining of minor minerals by the respondents no. 9 to 13 from the agriculture lands of village Chandpur of Distt. Rupnagar and take necessary steps to prevent the illegal mining in future in the interest of justice.

3 That the respondent No. 9 to 13 kindly be restrained from carrying on illegal mining of sand, stone and Bajri from the agriculture land of the village Chandpur of Tehsil Anandpur Sahib, Distt. Rupnagar.

In the said CWP, State of Punjab though Secretary to State of Punjab, Industries and Commerce Department, Punjab Civil Secretariat, Chandigarh cum Commissioner and Secretary to Government Punjab, Environment Department, Punjab Civil Secretariat, Chandigarh, is Respondent No. 02 and Chairman, Punjab State Pollution Control Board, Paryavaran Bhawan, Nabha Road, Patiala, Punjab is Respondent No 04. However, the SEIAA has not been impleaded party in the said case.

Further, the case was heard on 20.10.2016, 10.11.2016, 23.11.2016, 11.01.2017, 02.02.2017 and 21.02.2017 by the Hon'ble High Court, Chandigarh. The details of the orders made by the Hon'ble court on respective dates, are as under: -.

Order Date	Order Type	Order/Judgment
21-FEB-17	Interim Order	Adjourned to 08.03.2017
02-FEB-17	Interim Order	<p><b>CM-1360-2017</b></p> <p>Leave is granted to place on record the reply filed on behalf of respondent No. 4 and the application is allowed.</p> <p><b>CWP-21729-2016</b></p> <p>The affidavit filed on behalf of respondent No. 5 in Court today is taken on record.</p> <p>Respondent No. 14 has not appeared even today. By an order dated 11.01.2017, it was noted that the official respondents stated that the contract had been awarded to Satluj Contractors whose address is the same as the one mentioned in the title of the petition, whereas the person present at that address stated that there was no party by that name thereat. The official respondents are unable to furnish any other address in respect of respondent No. 14. This is a curious situation</p> <p>The official respondents shall, therefore, not permit respondent No. 14 to operate a licence issued in their favour till further orders without the leave of the Court. The parties shall file their affidavits in reply and serve a copy thereof on the petitioners' advocate(s) by 18.02.2017.</p>

		Adjourned to 21.02.2017.
11-JAN-17	Interim Order	<p><b>CM-110-2017:</b></p> <p>Rejoinder is permitted to be taken on record subject to all just exceptions. C.M. stands disposed of.</p> <p><b>CWP-21729-2016:</b></p> <p>Mr. Talwar, the learned Additional Advocate General, Punjab, appearing on behalf of respondent Nos.2 to 8 except respondent No.4, states that respondent Nos.10, 12 and 13 are not entitled to operate the stone crushers as they have not explained the source of the material. He states that the official respondents concerned, therefore, will not permit these private respondents to operate the stone crushers in any manner till further orders. The office report states that the person present at the address mentioned in respect of respondent No.14 stated that there is no party by the name of Satluj Contractors at that address. Mr. Talwar, however, confirms that a mining contract has been awarded to Satluj Contractors whose address is the same as the one mentioned in the title of the petition. The petition, therefore, shall be served upon respondent No.14 through respondent No.5</p> <p>The official respondents shall state as to whether respondent No.11-Naresh Kumar, J.E., B.D.P.O. Office, Anandpur Sahib, is in any manner whatsoever concerned with Saini Stone Crusher. They confirm that Saini Stone Crusher has a permission for operating a stone crusher at the site. If Naresh Kumar, respondent No.11 is a partner or a proprietor of Saini Stone Crusher, the official respondents shall state whether he is entitled to carry on business as such under the terms of his employment.</p> <p>The service report also states that respondent No.11 was also not found at the address mentioned in the title. The official respondents confirm that he is an employee as described in the title. Respondent No.5 shall, therefore, serve the petition upon respondent No.11.</p> <p>It is reiterated that the pendency of this petition will</p>



		<p>not be a ground for the official respondents not to consider the complaints raised in this petition including the complaint that the stone crusher operated by respondent No.11 is opposite a village school and that the same is contrary to the siting guidelines. In fact, it is necessary for the official respondents especially respondent No.4 to do so as early as possible.</p> <p>List again on 02.02.2017</p>
23-NOV-16	Interim Order	<p>As per office report, notices issued to respondents No. 9 to 14 not received back served or otherwise.</p> <p>Let fresh notices be issued to respondents No. 9 to 14 returnable on 11.01.2017</p>
10-NOV-16	Interim Order	<p>Let fresh notices be issued to the unserved respondents, for 23.11.2016.</p> <p>Process dasti only.</p> <p>The petitioner shall be entitled to implead Satluj Contractors, House No. 25, Garden Colony, Jalandhar, as respondent No. 14 and carry out the consequential amendments as well without further orders of the Court.</p> <p>The petitioner shall be entitled to serve all the unserved respondents at the addresses mentioned in the title as well as the addresses mentioned in the report to be filed by the State of Punjab in the Registry today, a copy whereof has been handed over to the counsel for the petitioner.</p> <p>The copy of the order be supplied to the learned counsel for the parties under signature of the Bench Secretary of this Court.</p>
20-OCT-16	Interim Order	<p>Notice of motion.</p> <p>Service is waived, as Ms. Minakshi Goyal, learned AAG, Punjab, accepts notice on behalf of respondents No. 2, 3, 5, 6, 7 and 8. Let a complete set of paper book be supplied to her during the course of the day.</p> <p>Let dasti notices be issued to the remaining respondents returnable on 10.11.2016.</p> <p>The petitioners allege that mining is being illegally carried out by the private respondents upon the lands that</p>

		<p>belong to them as well as upon other lands. They allege that their representations over the past year have not even been considered by the official respondents.</p> <p>It is clarified that the pendency of this writ petition will not be a ground for the official respondents not considering and investigating the complaints. In fact, it is desirable that by the next date of hearing, the official respondents consider the matter and file an affidavit as regards their findings. Nor does the pendency of this writ petition prevent the official respondents from taking any action in accordance with law. The petitioners, however, shall render any assistance that the official respondents may require for the above purpose.</p> <p>A copy of this order be furnished to learned State counsel under signatures of the Bench Secretary.</p>
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From the perusals of the above orders, it reveals that no directions have been issued to the SEIAA in the any of the orders made by the Hon'ble High Court, Chandigarh.

Earlier, the matter was circulated vide Email dated 09/02/2017 to the SEIAA for consideration. The said case is similar to the item no. 119.23 but it could not be placed before SEIAA in 119<sup>th</sup> meeting held on 04.01.2017 as the same was received on 06/01/2017 i.e after the date of meeting. The proceedings in the matter is recorded as under: -

The SEIAA observed that SEIAA has not been impleaded as a party in the case. The SEIAA has also not issued Environment Clearance in the disputed area as mentioned in the said Civil Writ Petition.

After going through the matter, it was decided that no action is required to be taken by SEIAA at this stage. However, in future, khasra nos. of the disputed land mentioned in the CWP will be taken into consideration while deciding the case of Environment Clearance application if received at any later stage. Further, a copy of the Civil writ petition be sent to the respective DEIAA for information and taking further necessary action in the matter please.

The matter is placed before SEIAA for confirmation of the proceedings in the matter.

**Item No.120.13: Migrating Old data (before 2 July, 2015) into Portal i.e. www. EnvironmentalClearance.nic.in**

The facts of the matter are as under: -

1. A module has been designed by the Ministry of Environment, Forest and Climate change, New Delhi for Migrating Old data (before 2 July, 2015) into Portal on the website of [www.environmentalclearance.nic.in](http://www.environmentalclearance.nic.in).
2. Provision of uploading the old data in an Excel sheet in a defined format has been made. The data from Excel sheets will be imported/ migrated in the State Portal for further processing. The details of the process to be adopted is annexed as **Annexure-B (first 5 page)**. These proposals are traceable on public domain under "Track your proposal" in "Search Proposals (received upto 2<sup>nd</sup> July 2015)"
3. After migrating data, TOR or Environment Clearance issued to the Project proponent has to be uploaded on the state Portal under the head of "Update TOR Details" or "Update EC Details". The details of the process to upload the related documents of the proposal, is annexed as **Annexure-B (last 2 page)**.
4. Approximately 1209 no. of proposals [Construction Projects (225), Industrial projects (17), BKO (847), Sand mining projects (120),] to whom Environment Clearance has been granted, are required to be migrated into State Portal. Apart from these projects, proposals (about 500) of awaiting Environment Clearance, delisted Environment Clearance, Closed Environment Clearance, Rejected Environment Clearance, Awaiting TOR, TOR granted, Delisted TOR, Closed TOR and Rejected TOR are also required to be migrated into State Portal.

The matter is placed before SEIAA for consideration.

**Item no.120.14: Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of Hospital namely Homi Bhabha Cancer Hospital and Research Centre at Plot No. 01, Medicity, Mullanpur Village, Mohali District, Punjab by TATA Memorial Centre, TATA Memorial Hospital, Dr. E. Borges Marg, Parel, Mumbai-400012, Maharashtra (Proposal no. SIA/PB/NCP/58716/2016)**

The facts of the case are as under: -

M/s TATA Memorial Centre, Mumbai-400012, Maharashtra has applied for environmental clearance under EIA notification dated 14.09.2006 for establishment of Hospital namely Homi Bhabha Cancer Hospital and Research Centre at Plot No. 01, Medicity, Mullanpur Village, Mohali District, Punjab. 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 28.12.2016 to send the latest construction status of the Project site. Environmental Engineer, PPCB, RO, Mohali vide its return email dated 30.12.2016 has reported that the proposed site of the project was visited by AEE of this office on 30.12.2016 and Sh. Puran Singh Rana, D.G.M. (Admin) was contacted. During the visit, it was observed as under:

1. The site of the project is located on Chandigarh-Baddi road in the "Medicity". The site of the project is abutting to the village abadi of village Ferozpur, Tehsil Kharar, Distt. SAS Nagar on one side. The promoter company has demarcated the project site by constructing the boundary wall. There are some old houses located within the site of the project and the representative of the promoter company contacted during visit informed that these houses are existing since long back and nobody is residing there. However, the promoter company has converted one of the houses as their site office. The promoter company has also got one of the said old house renovated to use the same for cement storage room.
2. Construction of temporary labour quarters and site office was in progress during the visit. The representative of the promoter company informed that the same shall be dismantled when the construction completed.

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

- (i) Dr. Narayan H.K.V. Deputy Director, Tata Memorial Hospital, Mumbai.
- (ii) Sh. Rohit S. Sharma, Civil Engineer, Tata Memorial Hospital, Mumbai.

Dr. Narayan H.K.V., Deputy Director submitted an authority letter dated 23.12.2016 duly executed on a non-judicial stamp paper wherein he along with Sh. Rohit S Sharma have been authorized by Dr.R.A. Badwe, Director, Tata Memorial Centre to attend the meeting of SEAC regarding environmental clearance for construction of Homi Bhabha Cancer Hospital & Research Centre at Mullanpur Village, District Mohali by Tata Memorial Centre, Mumbai. The authority letter was taken on record by the SEAC.

On perusal of visit report sent by EE, RO, Mohali, the SEAC observed that the construction of temporary labour quarters and site office was in progress at the site. The project proponent contested the report sent by EE, RO, Mohali with respect to the construction status at the site and that they have not ordered any sort of construction activity at the project site.

After deliberations, the SEAC decided that a team of SEAC members namely Sh. N.S. Kahlon and Dr. V.K. Singhal will visit the project site to verify the construction status at site and that the case will be considered in the next meeting of the SEAC.

Sh. N.S. Kahlon, Member (SEAC) and Dr. V.K. Singhal, Member (SEAC) were requested vide email dated 13.01.2017 to visit the said site and submit the report. The project site was visited by the Members on 17.01.2017 and the visit report received vide email dated 17.02.2017 was attached as Annexure-A with the agenda.

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

- (i) Dr. Narayan H.K.V. Deputy Director, Tata Memorial Hospital, Mumbai.
- (ii) Sh. Saurav Chandra, EPC consultants, M/s DDF Consultants Pvt. Ltd., New Delhi.
- (iii) Sh. Sanjeev Sharma, Environmental consultants, M/s CEMC Pvt. Ltd. Bhubaneswar.

On perusal of the visit report of the visiting members, the SEAC observed that there exists an old house at the site which is being used as camp office by the Company and an abandoned old structure. Neither any construction work of any sort was in progress at site nor any construction work had already been done at the site by the agency at the time of visit. Dr. Narayan HKV, Deputy Director, Tata Memorial

informed that the construction agency had shifted some material for construction of foldable site office at the site at the time of visit by the officer from PPCB, RO Mohali, the same was got removed from the site and no construction work will be started until environmental clearance is granted to the project.

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

- The total plot area of the project is 202343 sqm and the total built up area of the Project is 43000 sqm. The total cost of the project is 218 crore.
- The project proponent has submitted an allotment letter wherein possession of 50-acre land for the purpose of setting up of Cancer Hospital by the Department of Atomic Energy, GOI has been given vide no. 4119 dated 24.08.2012 by the Estate Officer, GMADA, SAS Nagar on behalf of Department of Health & Family Welfare, Govt. of Punjab.
- The hospital will consist of 300 beds including Nurses Hostel, Resident Doctors Hostel, Dharamshala, Canteen, Service Block, Recreational Facilities and Site infrastructure development work like road, sewer line, Drainage work, parking Area, Landscaping, electrification, water supply, waste disposal system etc. as per standard laid down by Medical Council of India (MCI).
- The total water requirement will be 265 KLD which includes fresh water requirement @132 KLD. The fresh water requirement will be met through supply from Medicity.
- The total wastewater generation from the project will be 172 KLD, which will be treated in a STP of capacity 207 KLD to be installed at project site including wet weather flow. The treated waste water to be utilized for different purposes after treatment is 155 KLD. The project proponent has proposed to utilize 66 KL/day of treated wastewater for flushing purpose, 67 KLD will be utilized for horticulture purposes & 22 KLD will be supplied to nearby construction projects through water tanker. Treated water will be recharged into ground.
- About 66773.19 sqm. area has been earmarked for green area development in the site.
- The waste generation is Municipal Solid Waste, Hazardous Waste and Bio Medical Waste. The Quantities of MSW and BMW is 941 KG per day and 235

KG per day respectively. Solid waste will be collected separately as Biodegradable and Non-biodegradable waste as per the MSW Rules, 2016. The biodegradable wastes will be sent to approved site as per application form. The non-biodegradable waste & Recyclable waste will be sold to authorized vendors. Inert waste will be sent to Municipal dumping site. The Bio Medical Waste will be disposed off by BMW Rules, 2016.

- The total load of electricity required for said project will be 4800 KVA which will be taken from the PSPCL. There is a proposal to install silent 4 nos. DG Sets (3X 1500 KVA & 1 x 750 KVA) as stand-by arrangement.
- The project proponent has also proposed to provide rain water harvesting pit to recharge the rain water.
- Solar energy will be used for lighting in common areas and Solar water heaters.
- Used oil to be generated from the DG sets will be stored in HDPE tanks and sold to the authorized recyclers.
- The project proponent has submitted copy of acknowledgement along with set of application applied online for obtaining permission from NBWL as the site of Hospital is falling within radius of 10 Kms of Sukhna Wildlife Sanctuary.
- Homi Bhabha Cancer Hospital and Research Centre complex will be responsible for implementation of EMP.
- Rs. 6.5 lacs as capital cost will be incurred in construction phase. In operation phase, Rs. 63.5 lacs as capital cost & Rs. 20.1 lacs per annum as recurring cost will be incurred.

The project proponent submitted the point-wise reply to the observations raised by the SEAC during meeting as under:-

Sr.no.	Observations	Reply
1.	The project proponent has proposed that treated waste water will be recharged into ground which should not be done as only rain water is allowed to be recharged.	It has been mentioned by mistake that treated water will be recharged into ground water, but storm water will be recharged into ground water and treated water will be fully utilized at the site.
2.	The water consumption for residential purposes taken as 135 LPCD needs to be revised as per SEIAA norms by taking 200 LPCD and accordingly, revised water	The water balance calculations by taking 200 lpcd for residential purpose has been revised and is as under: - "The total water requirement will be 328 KLD which includes fresh water requirement @156

	balance diagram is required to be submitted.	KLD and treated water @172 KLD. The total wastewater generation from the project will be 191 KLD, which will be treated in a STP of capacity 230 KLD to be installed at project site including wet weather flow. The treated water to be utilized for different purposes after treatment is 172 KLD. The project proponent has proposed to utilize 66 KL/day of treated wastewater for flushing purpose, 66 KLD will be utilized for horticulture purposes & 40 KLD will be used for HVAC purpose."
3.	The project proponent is required to submit a proposal for Solar Power generation at least @1 MW.	We will install Solar Power plant @1 MW at our site after getting budgetary sanction from TMC Authority, Mumbai.
4.	The project proponent is required to submit steps taken to mitigate the effects coming out due to use of atomic radiation in the different equipment's in the hospital.	The project proponent has submitted a copy of radioactive waste management program which will be followed at the site in order to mitigate the effects coming out due to use of atomic radiation in different equipment's.
5.	The detail of ETP is required to be submitted.	ETP of capacity 30 KLD with 10% hypo chlorite and 30% residual chlorine treatment will be installed at site.
6.	The project proponent is required to include the capital cost of ETP in construction phase rather than including it in operation phase.	The capital cost of ETP has been included in construction phase of EMP to be executed and the revised Environmental Budget is as under: Rs. 61.5 lacs as capital cost will be incurred during construction phase whereas, Rs. 23.5 lacs as capital cost and Rs. 20.1 lacs/Annum as recurring cost will be incurred during the operation phase
7.	The project proponent is required to submit the details of CSR activities to be carried out.	The project in itself is a CSR activity as it will provide cancer health care to indigent section at highly subsidized cost

The SEAC observed that the project proponent has provided adequate and satisfactory clarifications to the observations raised by it. Therefore, the Committee awarded 'Silver Grading' to the project proposal and decided that the case be forwarded to SEIAA with the recommendations to grant environmental clearance for establishment of a Hospital namely Homi Bhabha Cancer Hospital and Research Centre having total plot area of the project as 202343 sqm and built up area of the Project as 43000 sqm. located at Plot No. 01, Medicity, Mullanpur Village, Mohali District, Punjab subject to the following conditions in addition to the measures proposed by the project proponent:

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

- (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) Any appeal against this 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.

- (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, 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.
- (v) 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.
- (vi) Ambient air & noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the 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 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 1<sup>st</sup> June and 1<sup>st</sup> 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 criteria 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.
- (xvi) The unpaved area shall be more than or equal to 20% of the recreational open spaces.

#### **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 fire fighting equipments etc. as per National Building Code including protection measures from lightning.
- (iv) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, 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 generated 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 the use of ready mixed concrete, curing agents and adopting 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 colour coding of different pipe lines carrying water/wastewater/ treated wastewater as follows:
 

a. Fresh water	:	Blue
b. Untreated wastewater	:	Black
c. Treated wastewater (for reuse)	:	Green
d. Treated wastewater (for discharge)	:	Yellow
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 of at least 1MW capacity shall be installed for utilizing solar energy. Also, LED lights shall be provided as proposed for illumination of common areas instead of CFL lights.
- (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) **(a)** Separate wet & dry bins for common areas for facilitating segregation of waste, collection centre and mechanical composter shall be provided for proper collection, handling, storage, segregation, treatment and disposal of solid waste.
- (b)** Bio-Medical waste to be generated in the hospital shall be handled and managed as per the provisions of Bio-Medical waste (Management & Handling) Rules, 2016.
- (c)** Radioactive waste management program, as submitted by the project proponent shall be followed at the site at the site in order to mitigate the effects coming out due to use of atomic radiation in different equipments.
- (xvi) A 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) Green belt of adequate width as proposed shall be provided so as to achieve attenuation factor conforming to the day & night standards prescribed for the sensitive areas. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. A minimum of one tree for every 80 sqm of 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.

### **III. Operation Phase and Entire Life**

“Consent to operate” under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974, Authorization under Bio-Medical waste (Management & Handling) Rules, 2016 and Hazardous waste (Management, Handling & Transboundary) Rules, 2008 shall be obtained from Punjab Pollution Control Board and copies 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.

- i) The total water requirement of the project is 328 KLD including fresh water requirement @ 156 KLD.
- ii) a) The total wastewater generation from the project will be 191KLD, which will be treated in an STP of capacity 230 KLD (including wet weather flow). As proposed, reuse of treated wastewater and discharge of surplus treated wastewater shall be as below:

The treated water to be utilized for different purposes after treatment is 172 KLD. The project proponent has proposed to utilize 66 KL/day of treated wastewater for flushing purpose, 66 KLD will be utilized for horticulture purposes & 40 KLD will be used for HVAC purpose.

- iii) The project proponent shall ensure safe drinking water supply to the residents/patients.
- iv) 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.
- v) Rainwater harvesting/recharging systems shall be operated and maintained properly as per CGWA guidelines.
- vi) The facilities provided for collection, segregation, handling, on site storage & processing of solid waste such as 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 and the inert solid waste shall be sent to the concerned collection Centre of integrated municipal solid waste management facility of the area.
- vii) Bio-Medical Waste/Hazardous waste/E-waste should be disposed off as per Rules applicable and with the necessary approval of the Punjab Pollution Control Board.
- viii) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- ix) The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for sensitive areas.
- x) Solar power plant and other solar energy related equipments shall be operated and maintained properly.
- xi) 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.

- xii) Environmental Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.

### **PARTC – General Conditions :**

#### **I. Pre-Construction Phase**

- i) 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.
- ii) 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.
- iii) 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 shall spend minimum amount of Rs. 61.5 Lacs towards capital investment.

#### **III. Operation Phase and Entire Life**

- i) The entire cost of the environmental management plan will continue to be borne by the project proponent. The project proponent shall spend minimum amount of Rs. 23.5 lacs as capital cost & Rs. 20.1 lacs/ annum recurring expenditure as proposed in the EMP.
- 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 matter is placed before SEIAA for consideration.

**Item no.120.15: Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely "Rail Vihar" at VIP Road, Zirakpur, Punjab by M/s Indian Railways Welfare Organisation (Proposal no. SIA/PB/NCP/37409/2015)**

The facts of the case are as under: -

M/s Indian Railways Welfare Organisation has applied for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely "Rail Vihar" at VIP Road, Zirakpur, Punjab. The project is covered under category building construction 8 (a) 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 plot area of the project is 30201.68 sqm and the total built up area of the Project is 44709.75sqm. The estimated total population will be 2515 persons.
- The total parking proposed in the site is 372 ECS.
- The area of the site has been earmarked as residential area in Master Plan.
- The total water requirement will be 340 KLD which includes fresh water requirement @245 KLD. The fresh water requirement will be met through own tubewell.
- The total wastewater generation from the project will be 272KLD, which will be treated in a STP of capacity 300 KLD to be installed at project site including wet weather flow. In summer season, the project proponent has proposed to utilize 95 KL/day of treated wastewater for flushing purpose, 25 KLD will be utilized for horticulture purposes &125 KLD will be discharged into sewer. In winter season, 95 KL/day of treated wastewater for flushing purpose, 09 KLD will be utilized for horticulture purposes &141 KLD will be discharged into sewer. In rainy season, 95 KL/day of treated wastewater for flushing purpose, 2 KLD will be utilized for horticulture purposes &148 KLD will be discharged into sewer.
- About 4495.31 sq.m area has been earmarked for green area development in the site.
- The total quantity of solid waste generation will be 1189 kg/day. Solid waste

will be collected separately as Biodegradable and Non-biodegradable waste as per the MSW Rules, 2000. The biodegradable wastes will be treated by organic waste convertors. Recyclable and non-Recyclable waste will be disposed through Govt. approved agency i.e. MC Zirakpur.

- The project proponent has submitted letter no.3166 dated 08.09.2015 issued by EO, MC, Zirakpur 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 said project will be 2409 KVA which will be taken from the PSPCL. There is a proposal to install silent 32 nos. DG Sets (2X 320 KVA) as stand-by arrangement.
- The project proponent has also proposed to provide 4 no. of rain water harvesting pit to recharge the rain water.
- Solar energy will be used for street light as well as in the parks. CFLs will be used in buildings to minimize the energy consumption. Green area is provided along with tree plantation which will result in natural air cooling and will reduce the load on conventional energy sources.
- Bhupinder Singh, GM & Atma Singh, CPM of the company will be responsible for implementation of EMP till the handing over of the project to association of residents.
- In operation phase, Rs. 49.97 lacs as capital cost, Rs. 19.26 lacs as recurring cost will be incurred.
- Indian Railway Welfare Organization is a government organization and not entitled for Corporate Social Responsibility.
- The project proponent has submitted a copy of map wherein the distance of the site from Sukhna Wild Life Sanctuary & City Bird Sanctuary has been authenticated as 12.00 km & 10.25 km respectively from Deputy Chief Wild Life Warden, Chandigarh. The project proponent has also submitted a copy of letter addressed to Chief Wild Life Warden, Haryana for obtaining permission from NBWL as Khol-Hi-Raitan wild life sanctuary is falling within ten km radius of the site.

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



1.	Properly filled Form 1 & 1A	Yes
2.	<p>(a) <b>In case(s) where land has already been purchased/acquired:</b> Proof of ownership of land</p> <p>(b) <b>In case where land is yet to be purchased/acquired:</b> 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.	Contour plan Submitted
6.	Status of construction, if any, alongwith 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>Complete details of following by making it an integral part of the conceptual plan/drawing/layout map:-</p> <p>i)Location of STP ;</p> <p>ii)Solid waste storage area.</p> <p>iii)Green belt</p> <p>iv)Parking space</p> <p>v)RWH and water recharge pits</p> <p>vi)Firefighting equipment layout</p> <p>vii)First aid room</p> <p>viii) Location of Tubewells</p> <p>ix)DG Sets and Transformers</p> <p>x)Any other utilities</p>	<p>i. Marked</p> <p>ii. Marked</p> <p>iii. Marked</p> <p>iv. Marked</p> <p>v. Marked</p> <p>vi. Marked</p> <p>vii. Marked</p> <p>viii. Marked</p> <p>ix. Marked</p>
9.	<p>Permission of Competent Authority for;</p> <p><b>b) Water and Sewerage connection</b></p> <p>A letter from concerned Local Body/Authority giving details about existing status of sewer connectivity</p>	Submitted

	<p>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 lay out map/plan.</p> <p>b)Collection of Solid waste</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.	Not applicable sewer exist within the vicinity of the site
12.	<p>Analysis reports of ambient air, ground water and noise levels from NABL/MoEF Accredited laboratories as per detail below:</p> <p>(vi)The monitoring of groundwater, ambient air quality, noise &amp; soil can be carried out after at least 72 hours advance intimation to SEIAA, Punjab at the e-mail id: <a href="mailto:seac_pb@yahoo.com">seac_pb@yahoo.com</a> and concerned Regional Office of Punjab Pollution Control Board.</p> <p>(vii)The field data sheets as prescribed by SEIAA, Punjab which are available on the official website of SEIAA, Punjab alongwith 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 &amp; soil monitoring reports.</p> <p>(viii) Water, air, noise &amp; 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>(ix)At least 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>(x) The noise monitoring is to be carried out from all the corners of the project site as well as</p>	<p>Submitted and concentration of all the parameters are within the prescribed limits.</p>

	from the centre of the project site 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 b)Use of ready mix concrete or use of fly ash during construction. c)To provide Fire Fighting System d)To provide wind breaking curtains and water sprinkling system to minimize dust emissions during construction phase. 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) Bhupinder Singh, GM & Atma Singh, CPM of the company will be responsible for implementation of EMP till the handing over of the project to association of residents.  e) In operation phase, Rs. 49.97 lacs as capital cost, Rs. 19.26 lacs as recurring cost will be incurred. f) Bhupinder Singh, GM & Atma Singh, CPM of the

		company will be responsible for implementation of EMP till the handing over of the project to association of residents.
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.	Indian Railway Welfare Organization is a government organization and not entitled for Corporate Social Responsibility.
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
22.	Copy of presentation to be made before the SEAC at the time of appraisal in PDF format having size less than 25 MB.	-
23.	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	submitted

	copy of the environmental clearance application alongwith other documents.	
24.	<p><b>For expansion projects:</b></p> <ul style="list-style-type: none"> <li>i. All the columns in the application form may be got filled in three parallel columns i.e. Existing, Proposed and Total.</li> <li>ii. In case of increase in no. of storey, Structural Safety/ Stability Certificate may be required from the Approved Engineer.</li> <li>iii. The existing building plan may be got super imposed with the proposed building plan and be marked in different colors.</li> <li>iv. Specify the adequacy of internal water supply system, sewer line and STP for the proposed expansion/revision.</li> </ul>	Not Applicable
25.	The project proponent has submitted a copy of map showing the distance 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.	The project proponent has submitted a copy of map wherein the distance of the site from Sukhna Wild Life Sanctuary & City Bird Sanctuary has been authenticated as 12.00 km & 10.25 km respectively from Deputy Chief Wild Life Warden, Chandigarh. The project proponent has also submitted a copy of letter addressed to Chief Wild Life Warden, Haryana for obtaining permission from NBWL as Khol-Hi-Raitan wild life sanctuary is falling within ten km radius of the site.

Further, the Member Secretary, Punjab Pollution Control Board, Head office, Patiala vide letter no. 6423 dated 19/09/2016 had informed as under:

1. The project proponent of M/s Indian Railway Welfare Organization (IRWO) is developing residential complex named as "Rail Vihar" (IRWO) at VIP Road, Zirakpur, in an area of 30,201.68 sqm (built up area: 44,487.91 sqm) having 443 flats of different categories.
2. The site of the group housing project was visited by the officers of the Board on 09.02.2016 and it has been observed that IRWO has completed the construction of 443 flats of different categories. During visit, the representative of the IRWO informed that the construction of the project was started in the year 2010 and the same was completed on 31.01.2016. Since, the project has started construction activities at site without obtaining Environmental Clearance under the provision of EIA Notification dated 14.09.2006, as such, is liable for action under the provisions of the Environment (Protection) Act, 1986.
3. It has been recommended that action u/s of the Environment (Protection) Act, 1986 may be initiated against the project proponent for violation of provisions of the EIA Notification dated 14/09/2006.

The case was considered by the SEIAA in its 115<sup>th</sup> meeting held on 23.09.2016 and the SEIAA observed that there might be other similar projects in the knowledge of the Punjab Pollution Control Board, which are violating the provision of the EIA, Notification 14.09.2006.

After detailed deliberations, among other decisions, it was decided that Show cause notice be issued to the M/s Indian Railway Welfare Organization (IRWO) for its group housing project namely "Rail Vihar" at VIP Road, Zirakpur, Distt. S.A.S. Nagar. Accordingly, in compliance to the above said decisions, the following actions were taken:

- 1) Show cause notice was issued to the project proponent vide letter No. 3434 dated 27.09.2016
- 2) The Member Secretary, Punjab Pollution Control Board was informed vide letter No. 3435 dated 27.09.2016

Thereafter, the General Manager (Chandigarh), M/s Indian Railway Welfare Organization (IRWO) vide letter dated 13.10.2016 in reply to show cause notice no SEIAA/2016/3434 dated 27.09.2016 has submitted that the notice was received on 10.10.2016 however, 15 days' notice period was over on 11.10.2016.

Further, he has requested to extend time upto 25.10.2016 to submit the reply. The case was considered by the SEIAA in its 116<sup>th</sup> meeting held on 20.10.2016 and no one has attended the meeting on behalf of the project proponent.

After deliberations, the SEIAA decided to defer the matter and allowed 15 days' time to the project proponent for submitting the reply to the show cause notice and case to be placed in the next meeting.

Thereafter, the Indian Railway Welfare Organization (IRWO) was informed vide letter no 3574 dated 17.11.2016 to reply to show cause notice within 15 days. The General Manager, IRWO, Zirakpur vide letter dated 20/12/2016 & 25/11/2016 has submitted that reply has already been submitted vide letter dated 26/10/2016, which is reproduced as under:

1. "Indian Railway Welfare Organization (IRWO) is Welfare Organization Registered with Registrar of Societies, Delhi under Societies Registration Act XXI of 1960, having its registered office, presently located at Railway Offices Complex, Behind Shankar Market, New Delhi. The object of IRWO is predominantly and chiefly to promote and provide dwelling units all over India to the serving, retired Railway personnel and their windows on 'No Profit No Loss Basis'.
2. The present housing project near Chandigarh at VIP Road, Zirakpur is one of the project promoted by IRWO. The same has been approved by Municipal Council, Zirakpur vide sanction order No. 391 dated 09.03.2010. The layout plan was further revised to provide two lifts in each block and approved vide Sanction Order No 1758 dated 18.05.2012.
3. However while approving the layout plans of IRWO 's Rail Vihar at Zirakpur Municipal Council, Zirakpur did not ask IRWO to obtain Environment Clearance from Ministry of Environment and Forests, NOC from Airport authorities, 'Consent to Establish Sewerage Treatment Plant' from Punjab Pollution Control Board. IRWO was asked to obtain approval of the Fire Fighting scheme from the Fire Officer and the same was obtained from the Fire Officer and was approved vide their Sanction Order No.326 dated 31.03.2010.

Municipal Council, Zirakpur, while sanctioning the above plans of the Rail Vihar, also did not give any endorsement, on the sanctioned plan, of EIA notification No.1533 dated 14.09.2006 and neither we were in the know of this notification.

4. Thus, the sanctioning of the Housing Plan of Rail Vihar of IRWO at VIP Road, Zirakpur, by Municipal Council, Zirakpur became the authority for under taking construction of the Rail Vihar project. The construction works were started in the year 2010.
5. During the course of construction Municipal Council, Zirakpur, was asked to make available water for the Rail Vihar but they showed their inability to do so and they asked IRWO to make its own arrangements for the water supply. Accordingly, IRWO decided to provide tube wells to meet its water requirements and on the application of IRWO, CGWA gave its NOC vide their letter no. 21-4 (643) NWR/ CGWA/ 2014-1687 dated 16.10.2014 for the provision of tube wells.
6. This office came to know of the provisions of Environment Clearance when the application for 'Consent to Establish' was being prepared for the STP, sanctioned by Municipal Council in the sanctioned plan, and having come to know of these provisions application was made out for obtaining the Environment Clearance.  
  
The application for the Environment Clearance was accepted online on 31.12.2015 and since then a number of clarifications have been sought and are being given from time to time (copies enclosed).
7. We have earlier completed two phases, (Phase I & II), IRWO Housing projects at Mansa Devi Complex at Panchkula, 277 dwelling units in the year 2005 and at no stage Environment Clearance was asked to be obtained. Therefore, this requirement of obtaining the Environment Clearance, before start of the construction, was not known while starting the present project.

### **Prayer**

1. In view of the reasons brought out above, for not taking Environment Clearance before the start of the construction work, it is prayed that the action against IRWO under the provisions of Environment (Protection) Act, 1986 may kindly not be intimated.
2. IRWO has been fulfilling all the statutory requirements and has obtained NOCs from i) Airport Authorities ii) CGWA for providing tube wells iii) Fire Fighting and has applied for consent to Establish the STP and Environment Clearance  
Thus it would be seen that IRWO had no intention to violate any of the provisions of various Acts. "



Further, the General Manager, IRWO, Zirakpur vide letter dated 24/12/2016 & 20/12/2016 has requested to inform regarding the intimation of SEIAA meeting as and when scheduled. IRWO has been informed on Mobile No 95698-32133 & SMS dated 29.12.2016 to attend meeting to be held on 04.01.2017 along with reply to the show cause notice.

The matter was considered by the SEIAA in its 119th meeting held on 04.01.2017, which was attended by Sh. Bhupender Singh, General Manager, IRWO. He informed that application for obtaining Environment Clearance was applied online and thereafter certain observations were raised. The application for obtaining Environment Clearance along with the reply to the observations will be re-submitted online within one-month time and requested to allow for the same.

As such, the SEIAA decided to accept the request of project proponent and deferred case to be placed after one-month time.

Now, the project proponent has applied online for obtaining environmental clearance under EIA notification 14.09.2006.

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

- (i) Sh. Bhupender Singh, General Manager, IRWO, Chandigarh.
- (ii) Mr. Rishab Kumar, Asst. Manager, M/s Grass Roots Research & Creation India Pvt. Ltd. Noida, UP, Environmental Consultants of the company.

On perusal of the report received from Member Secretary, PPCB, Patiala, the SEAC observed that the project proponent has already carried out construction at site without obtaining environmental clearance as required under EIA notification dated 14.09.2006. Thus, it is case of violation of the provisions of the said EIA notification, since as per this notification the project proponent cannot carry out any construction work at site except securing of land without obtaining environmental clearance under the said notification. Therefore, this case is required to be dealt in accordance with Office Memorandum dated 12.12.2012 of the Ministry of Environment & Forests.

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 / Promoter Company i.e. IRWO in this case which is society having its regd. Office at Delhi and its responsible person i.e. Chairman, Managing Director & all the Members (Names given in the Memorandum of Article of Association) & General Manager being Authorized Signatory 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 General Manager, Northern Zone, IRWO, Chandigarh has filed the present application and copy of MoA has also been submitted.

The matter is placed before SEIAA for consideration.

**Item no.120.16: Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely "Green Lotus Saksham" at Village Nabha, Zirakpur, District S.A.S. Nagar, Punjab by M/s Barnala Developers (Proposal no. SIA/PB/NCP/60551/2016)**

The facts of the case are as under: -

M/s Barnala Developers has applied for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely "Green Lotus Saksham" at Village Nabha, Zirakpur, District S.A.S. Nagar, Punjab. The project is covered under category building construction 8 (a) 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 plot area of the project is 29194 sqm and the total built up area of the Project is 73248 sqm. The estimated total population will be 1930 persons in 386 flats ( 5 persons per flat)
- The area of the site has been earmarked as residential area in Master Plan.
- The total water requirement will be 386 KLD which includes fresh water requirement @299 KLD. The fresh water requirement will be met through own tubewell.
- The total wastewater generation from the project will be 309 KLD, which will be treated in a STP of capacity 325 KLD to be installed at project site including wet weather flow. In summer season, the project proponent has proposed to utilize 87 KL/day of treated wastewater for flushing purpose, 25 KLD will be utilized for horticulture purposes & 197 KLD will be discharged into sewer. In winter season, 87 KL/day of treated wastewater for flushing purpose, 10 KLD will be utilized for horticulture purposes & 212 KLD will be discharged into sewer. In rainy season, 87 KL/day of treated wastewater for flushing purpose, 7 KLD will be utilized for horticulture purposes & 215 KLD will be discharged into sewer.
- The project proponent has submitted letter no. 9689 dated 03.11.2016 issued by EO, MC, Zirakpur wherein it has been mentioned that 421 KLD treated waste water will be discharged into MC sewer by connecting the pipe from project site to MC sewer at own cost and depositing the charges as framed by

Deptt. of Local Bodies, Govt. of Punjab.

- About 4503 sqm area has been earmarked for green area development in the site.
- The total quantity of solid waste generation will be 772 kg/day. Solid waste will be collected separately as biodegradable and Non-biodegradable waste as per the MSW Rules, 2016 and the waste will be segregated through chute system. The biodegradable wastes will be sent to approved site as per application form. 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.9721 dated 04.11.2016 issued by EO, MC, Zirakpur 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 said project will be 2000 KW which will be taken from the PSPCL. There is a proposal to install silent 3 nos. DG Sets (2X 500 KVA & 1 x 125 KVA) as stand-by arrangement.
- The project proponent has also proposed to provide rain water harvesting pit to recharge the rain water.
- Solar energy will be used for street light as well as in the parks.
- LED lamps and energy efficient electrical gadgets shall be used.
- As per the energy saving detail, total energy saved per day will be 237 KWH. Used oil to be generated from the DG sets will be stored in HDPE tanks and sold to the authorized recyclers.
- Partner of the company will be responsible for implementation of EMP till the handing over of the project to MC or association of residents.
- Rs. 9 lacs as capital cost, Rs. 4.7 lacs as recurring cost & Rs. 5.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred in construction phase. In operation phase, Rs. 53.00 lacs as capital cost, Rs. 9.50 lacs as recurring cost, Rs. 6.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred.
- The project proponent has proposed to spent Rs. 5 lacs towards CSR activities and Partner of the company will be responsible for its implementation. The list of activities are as under:-

- a) Provide jobs to nearby people (Village Singhpura and other surrounding villages).
  - b) Widening of road in the vicinity of the project.
  - c) Toilet for girls in nearby school.
- The project proponent also submitted a copy of acknowledgement alongwith sent of an application applied online for obtaining permission from NBWL as Khol-Hi-Raitan wildlife Sanctuary is falling within radius of 10 kms from the project site.

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

1.	Properly filled Form 1 & 1A	Yes
2.	<p>(a) <b>In case(s) where land has already been purchased/acquired:</b> Proof of ownership of land</p> <p>(b) <b>In case where land is yet to be purchased/acquired:</b> 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>	copy of jamabandi 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, alongwith 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.	Complete details of following by making it an integral part of the conceptual plan/drawing/layout map:- i)Location of STP ; ii)Solid waste storage area. iii)Green belt iv)Parking space	<ul style="list-style-type: none"> <li>i. Marked</li> <li>ii. Marked</li> <li>iii. Marked</li> <li>iv. Marked</li> <li>v. Marked</li> <li>vi. Marked</li> </ul>

	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	vii. Marked viii. Marked ix. Marked
9.	Permission of Competent Authority for; <b>a) Water and Sewerage connection</b> 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 lay out map/plan. <b>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 sewer exist within the vicinity of the site
12.	Analysis reports of ambient air, ground water and noise levels from NABL/MoEF Accredited laboratories as per detail below: (i) The monitoring of groundwater, ambient air quality, noise & soil can be carried out after at least 72 hours advance intimation to SEIAA, Punjab at the e-mail id: <a href="mailto:seac_pb@yahoo.com">seac_pb@yahoo.com</a> and concerned Regional Office of Punjab Pollution Control Board. (ii) The field data sheets as prescribed by SEIAA, Punjab which are available on the official website of SEIAA, Punjab alongwith 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. (iii)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. (iv)At least one groundwater sample from the shallow / first aquifer and in case groundwater is to be abstracted for drinking purposes then	Submitted and concentration of all the parameters are within the prescribed limits.

	<p>atleast one groundwater sample from the said aquifer should be monitored and reports be attached accordingly.</p> <p>(v) The noise monitoring is to be carried out from all the corners of the project site as well as from the center of the project site and reports be attached accordingly.</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</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 wind breaking curtains and water sprinkling system to minimize dust emissions during construction phase.</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 &amp; 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>a) submitted</p> <p>b) submitted</p> <p>c) submitted</p> <p>d) Partner of the company will be responsible for implementation of EMP till the handing over of the project to MC or association of residents.</p> <p>e) Rs. 9 lacs as capital cost, Rs. 4.7 lacs as recurring cost &amp; Rs. 5.90 lacs /annum for monitoring of air, noise &amp; water as recurring cost will be incurred in construction phase. In operation phase, Rs. 53.00 lacs as capital cost, Rs.</p>

		<p>9.50 lacs as recurring cost, Rs. 6.90 lacs /annum for monitoring of air, noise &amp; water as recurring cost will be incurred.</p> <p>f) Partner of the company will be responsible for implementation of EMP till the handing over of the project to MC or association of residents.</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.	<p>The project proponent has proposed to spent Rs. 5 lacs towards CSR activities and Partner of the company will be responsible for its implementation.</p> <p>The list of activities are as under:-</p> <p>a) Provide jobs to nearby people (Village Singhpura and other surrounding villages).</p> <p>b) Widening of road in the vicinity of the project.</p> <p>c) Toilet for girls in nearby school.</p>
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	submitted



	project.	
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
22.	Copy of presentation to be made before the SEAC at the time of appraisal in PDF format having size less than 25 MB.	-
23.	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
24.	<b>For expansion projects:</b> <ol style="list-style-type: none"> <li>All the columns in the application form may be got filled in three parallel columns i.e. Existing, Proposed and Total.</li> <li>In case of increase in no. of storey, Structural Safety/ Stability Certificate may be required from the Approved Engineer.</li> <li>The existing building plan may be got super imposed with the proposed building plan and be marked in different colors.</li> <li>Specify the adequacy of internal water supply system, sewer line and STP for the proposed expansion/revision.</li> </ol>	Not Applicable
25.	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.	Submitted a copy of acknowledgement alongwith sent of an application applied online for obtaining permission from NBWL as Khol-Hi-Raitan wildlife Sanctuary is falling within radius of 10 kms from the project site.

Environmental Engineer, PPCB, RO, Mohali was requested vide email dated 23.12.2016 to send the latest construction status of the project site.

Environmental Engineer, PPCB, RO, Mohali vide its return email dated 03.01.2017 has reported that the proposed site of the project was visited by AEE of this office on 02/01/2017 and Sh. Rajiv Vig, Marketing Head of the project was contacted and he showed the site of the project. It was observed that no construction work has been started as yet by the promoter company. The site is surrounded by M/s Aggarwal Sweets and Dashmesh Khasla college at one side. On the other side of the project site, there is vacant land and on third side Gurudwara Nabha Sahib is located, at a distance of approx. 50 m from the boundary of the project site. Patiala – Zirakpur highway road is existing on the front side of the project site. There is also a brick kiln which is more than 1 km from the boundary wall of the project.

The case was considered by the SEAC in its 154th meeting held on 03.01.2017 but neither the project proponent nor any authorized person from the project proponent side attended the present meeting.

On perusal of the visit report sent by EE, RO, Mohali, the SEAC observed that approach to the site of the project is from main highway road namely Patiala-Zirakpur highway road, therefore, the project proponent is required to obtain the permission under Forest Conservation Act, 1980.

After deliberations, the SEAC decided to defer the case in light of Office Memorandum dated 25.02.2010 of MoEF, Govt. of India and ask the project proponent to attend to the aforesaid observation & then attend next meeting of the SEAC as and when held.

The decision of the SEAC was conveyed to the project proponent vide letter no.21 dated 12.01.2017.

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

- (i) Sh. Pratap Saha, Project Manager, Promoter Company
- (ii) Sh. Deepak Gupta, M/s Jalvayu Consultants, Zirakpur, Environment Consultant of the promoter company.

The project proponent submitted that the partners and the name of the firm have been changed and the project has been taken over by the new firm namely Barnala Builders, but two of the partners are same in the new firm also. He requested that they may be allowed to withdraw the present application and to file a fresh application by the new firm.

The SEAC further observed that the project proponent has not applied to the Forest Department for getting permission under Forest Conservation Act, 1980

regarding using passage from main highway road namely Patiala-Zirakpur highway road as an approach to the site of the project.

After deliberation, the SEAC decided to recommend to SEIAA to accede to the request made by the project proponent for withdrawal of this application and to allow the new firm to file fresh EC application after attending to the above observations.

The matter is placed before SEIAA for consideration.

**Item no.120.17: Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project & commercial namely “Umbera Green” at Village Jaspal Bangar & Sangowal, District Ludhiana, Punjab by M/s Umbera Group (Proposal No. SIA/PB/NCP/62520/2017)**

The facts of the case are as under:-

M/s Umbera Group has applied for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing & commercial project namely “Umbera Green” at Village Jaspal Bangar & Sangowal, District Ludhiana, Punjab. The project is covered under category building construction 8 (a) of the Schedule appended to the said notification.

Environmental Engineer, PPCB, RO-IV, Ludhiana was requested vide email dated 17.02.2017 to send the latest construction status of the project site. The visit report is awaited.

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

- (i) Sh. Sandeep Kumar, Project Head, Umber Green of the promoter company.
- (ii) Sh. Sandeep Singh Dhanoa, FAE, M/s CPTL, Chandigarh, Environment consultant of the promoter company.

The SEAC members were apprised about the visit report sent by EE, PPCB, RO-IV, Ludhiana through email dated 23.02.2017 and the report is as under: -

M/s Umbera Group, Jaspal Bangar & Sangowal, Ludhiana was visited by AEE on 17.02.2017 and the construction status is as below:

During visit, no construction activity was being carried out. The construction of boundary wall is almost complete. Also, a gate has been constructed at the front side of the colony. No other construction activity within the boundary wall has yet been started.

Sh. Sandeep Kumar submitted an authority letter dated 20.02.2017 wherein he has been authorized by Sh. Sanjay Goyal, Partner of the company to attend the meeting of SEAC on 23/02/2017. Further, Sh. Sandeep Singh Dhanoa submitted an authority letter dated 22.02.2017 wherein he (FAE) alongwith Dr. Satpal Verma (Tech. Manager) have been authorized by Sh. Sital Singh, CEO, CPTL to

present the case of Umbera Group in the meeting of SEAC on 23/02/2017. The same were taken on record by the SEAC.

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

- The total plot area of the project is 35249 sqm and the total built up area of the Project is 119655 sqm. The estimated total population will be 5955 persons (approx).
- The partners in the firm are Sh. Anil Goyal, Sh. Sanjay Goyal, Sh. Nikhil Kansal & Sh. Pawan Kumar as per partnership deed submitted by the promoter company.
- The area of the site has been earmarked as residential area in Master Plan.
- The total water requirement will be 825 KLD which includes fresh water requirement @574 KLD. The fresh water requirement will be met through own tubewell.
- The total wastewater generation from the project will be 594 KLD, which will be treated in a STP of capacity 610 KLD to be installed at project site including wet weather flow. In summer season, the project proponent has proposed to utilize 251 KL/day of treated wastewater for flushing purpose, 39 KLD for green area & 304 KLD will be discharged into sewer. In winter season, 251 KL/day of treated wastewater for flushing purpose, 14 KLD for green area & 329 KLD will be discharged into sewer. In rainy season, 251 KL/day of treated wastewater for flushing purpose, 11 KLD for green area & 332 KLD will be discharged into sewer.
- The project proponent has submitted in its reply to the EDS raised online that existing sewer lines are at distance of 04 km (approx.) from the site. The project proponent has made an agreement with the nearby farmer Sh. Parwinder Singh for use of treated water onto land for irrigation through karnal technology in an area of 8.95 acre till they get the sewer connection.
- About 7060 sqm area has been earmarked for green area development in the site.
- The total quantity of solid waste generation will be 2282 kg/day. Solid waste will be collected separately as biodegradable and Non-biodegradable waste as per the MSW Rules, 2016 and the waste will be segregated through chute

system and mechanical composter. The biodegradable wastes will be sent to approved site as per application form. The non-biodegradable waste & Recyclable waste will be sold to authorized vendors. Inert waste will be sent to Municipal dumping site.

- The total load of electricity required for said project will be 6000 KW which will be taken from the PSPCL. There is a proposal to install silent 5 nos. DG Sets (2X 240 KVA, 2 x 125 KVA & 1 x 500 KVA) as stand-by arrangement.
- The project proponent has also proposed to provide rain water harvesting pit to recharge the rain water.
- Solar energy will be used for street light as well as in the parks.
- LED lamps and energy efficient electrical gadgets shall be used.
- As per the energy saving detail, total energy saved per day will be 1080 KW/h per day.
- Used oil to be generated from the DG sets will be stored in HDPE tanks and sold to the authorized recyclers.
- The ambient air as well as ground water monitoring has been got done for all the parameters as prescribed in the NAAQM and IS: 10500. The concentration of all the parameters is found in the permissible limits.
- Partner of the company will be responsible for implementation of EMP till the handing over of the project to MC or association of residents.
- Rs. 19.5 lacs as capital cost, Rs. 6 lacs as recurring cost & Rs. 5.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred in construction phase. In construction & operation phase, Rs. 113.5 Lacs as capital cost & Rs. 10.50 lacs as recurring cost, Rs. 6.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred.
- The project proponent has proposed to spent Rs. 5 lacs towards CSR activities and Partner of the company will be responsible for its implementation. The list of activities are as under: -
  - a) Tree plantation in 10 km area.
  - b) Free books, scholarships for economically weaker sections in 10 km of the project.
  - c) Blood donation camps and other health related camps will be organized in the 5 km area of the project.
  - d) Widening of road in the vicinity of the project.

e) Toilets for girls in the nearby schools.

The project proponent submitted the point-wise reply to the observations raised by the SEAC during meeting as under :-

Sr.no.	Observations	Reply
1.	Copy of permission under Forest Conservation Act, 1980 regarding use of Forest land as an approach to the site of the project needs to be submitted.	The project proponent has submitted the NOC for approval of passage on Doraha-Ludhiana ODR No.-2 for proposed access to the said project coming at KM 14+680 on Southern Bypass Ludhiana (Scheduled Road) vide no. 784 dated 19.09.2016 issued by Executive Engineer, Const. Division no. 4, PWd (B&R), Ludhiana. He has also submitted NOC from DFO, Ludhiana vide no. 6626 dated 27.09.2016 wherein, it has been mentioned that in the year 2009, while making Southern Bypass on the left side of Sidhwan Branch Canal R.D. 39-40, the forest area has already been diverted and therefore giving passage to the group housing complex namely Umbera Green does not affect any tree/plant or forest area.
2.	The land taken for disposal of treated effluent is required to be marked on layout plan & on Aks Sajra. Further, a copy of jamabandi indicating ownership of land for disposal of effluent is also required to be submitted.	Layout plan of land taken for disposal of treated effluent marked on aks sajra and a copy of jamabandi indicating ownership of land for disposal of effluent were submitted.
3.	The project proponent has to submit the details of the area that will be used for generation of solar power.	The project proponent submitted that at least 30% of rooftop area will be used for solar power generation and we will be able to save around 1080 KWh of energy per day.
4.	Declaration to the effect that green area will be provided with the STP should be submitted by the project proponent.	The project proponent submitted in writing that green area will be provided around the STP.
5.	The project proponent is required to submit the water balance calculations.	The project proponent submitted the water balance calculations as under: "The total water requirement will be 864 KLD which includes requirement of group housing @818 KLD, commercial @7 KLD and green area(treated effluent to be reused) @39 KLD. The total water requirement except the green area will be 825 KLD which includes fresh water

		<p>requirement @574 KLD. The fresh water requirement will be met through own tubewell. The total wastewater generation from the project will be 594 KLD, which will be treated in an STP of capacity 610 KLD to be installed at project site including wet weather flow. In summer season, the project proponent has proposed to utilize 251 KL/day of treated wastewater for flushing purpose, 39 KLD for green area &amp; 304 KLD will be discharged onto land for irrigation as per karnal technology till such time the public sewer connection is not available. In winter season, 251 KL/day of treated wastewater for flushing purpose, 14 KLD for green area &amp; 329 KLD will be discharged onto land for irrigation as per karnal technology till such time the public sewer connection is not available. In rainy season, 251 KL/day of treated wastewater for flushing purpose, 11 KLD for green area &amp; 332 KLD will be discharged onto land for irrigation as per karnal technology till such time the public sewer connection is not available "</p>
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The SEAC observed that the project proponent has provided adequate and satisfactory clarifications to the observations raised by it. Therefore, the Committee awarded '**Silver Grading**' to the project proposal and decided that case be forwarded to SEIAA with the recommendations to grant environmental clearance for the Group Housing Project namely "Umbera Green" having plot area 35249 sqm and built up area 119655 sqm at Village Jaspal Bangar & Sangowal, District Ludhiana, Punjab subject to the following conditions in addition to the proposed measures:

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

- (i) Any appeal against this 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.
- (ii) A first aid room will be provided in the project both during construction and operation phase of the project.
- (iii) Construction of the STP, solid waste, e-waste, hazardous waste, storage facilities tubewell, 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.
- (iv) 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.

- (v) Ambient air & noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the Ministry of Environment, Forests & Climate Change guidelines and all the mitigation measures should be taken to bring down the levels within the prescribed standards.
- (vi) 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 project proponents from the competent authorities including Punjab Pollution Control Board and from other statutory bodies as applicable.
- (vii) 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.
- (viii) A proper record showing compliance of all the conditions of environmental clearance shall be maintained and made available at site at all the times.
- (ix) 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 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year.
- (x) 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.
- (xi) 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.
- (xii) 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.
- (xiii) 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 criteria 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.

- (xiv) The inlet and outlet point of natural drain system should be maintained with adequate size of channel for ensuring unrestricted flow of water.
- (xv) 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.

#### **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 by utilizing at least 30% of the open roof top area in the premises shall be installed 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.
- (xvi) A 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) 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 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.

#### IV. 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 total water requirement will be 864 KLD which includes requirement of group housing @818 KD, commercial @7 KLD and green area(treated effluent to be reused) @39 KLD. The total water requirement except the green area will be 825 KLD which includes fresh water requirement @574 KLD. The fresh water requirement will be met through own tubewell.
- iii) a) The total wastewater generation from the project will be 594 KLD, which will be treated in an STP of capacity 610 KLD to be installed at project site including wet weather flow. As proposed, reuse of treated wastewater and discharge of surplus treated wastewater shall be as below:

Season	Reuse for flushing (KLD)	For green area purpose (KLD)	Discharge into an area of 8.95 acre owned by Sh. Parminder Singh for irrigation purposed through karnal technology till such time
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			public sewer connection is no available (KLD)
Summer	251	39	304
Winter	251	14	329
Rainy	251	11	332

- 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 onto land for plantation to be developed as per Karnal Technology/ into sewer after maintaining the proper record.
- i) The project proponent shall ensure safe drinking water supply to the habitants.
  - ii) 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.
  - iii) 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.
  - iv) Rainwater harvesting/recharging systems shall be operated and maintained properly as per CGWA guidelines.
  - v) 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 chute system provided for collection of solid waste. 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.
  - vi) Hazardous waste/E-waste should be disposed off as per Rules applicable and with the necessary approval of the Punjab Pollution Control Board.
  - vii) 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.
  - viii) 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.
  - ix) 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.
  - x) Solar power plant and other solar energy related equipment's shall be operated

and maintained properly.

- xi) 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.

### **PART C – 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 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.
- 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.19.5 lacs towards capital investment and Rs. 5 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. 113.5 lacs as capital cost in construction and in operation phase and Rs.10.50 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.5.00 Lacs as proposed. The list of activities are as under: -
- a) Tree plantation in 10 km area.
  - b) Free books, scholarships for economically weaker sections in 10 km of the project.
  - c) Blood donation camps and other health related camps will be organized in the 5 km area of the project.
  - d) Widening of road in the vicinity of the project.
  - e) Toilets for girls in the nearby schools.
- 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 matter is placed before SEIAA for consideration.

**Item no.120.18: Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely "Aura Avenue" at Kharar, Mohali, Punjab by M/s Aura Builders & Developers (Proposal No. SIA/PB/NCP/61039/2016)**

The facts of the case are as under: -

M/s Aura Builders & Developers has applied for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing & commercial project namely "Aura Avenue" at Kharar, Mohali, Punjab. The project is covered under category building construction 8 (a) 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:

Environmental Engineer, PPCB, RO, Mohali was requested vide email dated 16.02.2017 to send the latest construction status of the project site. The visit report is awaited.

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

- (i) Sh. Gurinder Pal, Project Manager, Promoter Company
- (ii) Sh. Sandeep Singh Dhanoa, FAE, M/s CPTL, Chandigarh, Environment consultant of the promoter company.

Sh. Gurinder Pal Singh submitted an authority letter wherein he has been authorised by Sh. Aman Sood, Partner of the company to attend the meeting of SEAC on 23.02.2017. Further, Sh. Sandeep Singh Dhanoa submitted an authority letter dated 22.02.2017 wherein he (FAE) alongwith Dr. Satpal Verma (Tech. Manager) have been authorized by Sh. Sital Singh, CEO, CPTL to present the case of Aura Avenue in the meeting of SEAC on 23/02/2017. The same were taken on record by the SEAC.

The SEAC members were apprised about the visit report sent by EE, PPCB, RO, Mohali through email dated 16.02.2017 and the report is as under:-

M/s Aura Avenue, at Kharar was visited by AEE on 22.02.2017 and the construction status is as below:

- (i) The site of the project is located on Kharar-Ludhiana Road and the promoter company has already constructed 160 flats in the projects whose built up area is 16800 sqm. The promoter company has now proposed to expand the project by constructing another three blocks on the backside of



the project. The promoter company has demarcated the said area, in which expansion is to be carried out by constructing the boundary wall around the same.

- (ii) No construction activity has yet been started in the said land area where the proposed expansion is to be carried out however, the promoter company has kept the construction materials such as shutterings etc. in the said land area.

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

- Earlier, the total area of the project was 2.94 acre with built up area @16812 sqm, but after the addition of 0.98-acre area with built up area @13747 sqm, the total plot area of the project has become 3.92 acre with total built up area @30559 sqm. Previously, 800 persons were proposed for residing in 160 flats but after the addition of 136 flats (680 persons) the estimated total population will be 1480 persons in 296 flats i.e.@5 residents per flat (approx).
- The partners in the firm are Mr. Aman Sood & Mrs. Sonu Sood as per partnership deed submitted by the promoter company.
- The area of the site has been earmarked as residential area in Master Plan.
- The total water requirement will be 200 KLD which includes fresh water requirement @169 KLD. The fresh water requirement will be met through own tubewell.
- The total wastewater generation from the project will be 144 KLD, which will be treated in an STP of capacity 175 KLD to be installed at project site including wet weather flow. In summer season, the project proponent has proposed to utilize 31 KL/day of treated wastewater for flushing purpose, 13 KLD for green area & 100 KLD will be discharged into MC sewer. In winter season, 31 KL/day of treated wastewater will be utilized for flushing purpose, 05 KLD for green area & 108 KLD will be discharged into public sewer. In rainy season, 31 KL/day of treated wastewater will be utilized for flushing purposes, 03 KLD for green area & 110 KLD will be discharged into public sewer.
- The project proponent has also submitted letter no. 1365 dated 23.12.2011 issued by EO, MC, Kharar wherein it has been mentioned that project proponent will discharge their treated water from the site into the sewer

system of MC, Kharar after depositing charges framed by Deptt. Of Local govt., Punjab.

- The project proponent has submitted in its reply to the EDS raised online that they have made an agreement with the nearby farmer namely Smt. Manjit Kaur for use of treated water onto land for irrigation through karnal technology in an area of 1 acre for a period of ten years.
- The project proponent has also submitted letter no. 283 dated 25.04.2016 from Executive Engineer, CWD, PWD (B&R), Mohali wherein, the temporary permission for use of section of national highway 05 land as a access to the site of M/s Aura Builders & Developers on Morinda-Kharar sections at km.1.710 (LHS) of NH -05 at village Khanpur, tehsil Kharar, SAS Nagar subject to conditions mentioned therein.
- The project proponent has also submitted letter no. 5242-46 dated 17.10.2013 from DFO, SAS Nagar, wherein, the permission has been granted for diversion of 0.0093 hectare of forest land for the construction of approach road to the group housing project namely Aura Avenue being developed by Aura Builders & Developers at Village Khanpur, Kharar, Kharar-Ludhiana road (NH-95) Km 1.5550 L/S Tehsil Kharar under Forest Division and District Ajitgarh Punjab.
- About 2360 sqm area has been earmarked for green area development in the site.
- The total quantity of solid waste generation will be 592 kg/day after the addition of proposed flats. Solid waste will be collected separately as biodegradable and Non-biodegradable waste as per the MSW Rules, 2016 and the waste will be segregated through chute system and mechanical composter. The biodegradable wastes will be sent to approved site as per application form. The non-biodegradable waste & Recyclable waste will be sold to authorized venders. Inert waste will be sent to Municipal dumping site.
- The project proponent has submitted letter no.1366 dated 23.12.2011 issued by EO, MC, Kharar wherein it has been mentioned that solid waste generated will be collected by MC, Kharar on depositing the requisite charges as framed by Deptt. of Local Bodies, Govt. of Punjab.
- The total load of electricity required for said project will be 1500 KW which will be taken from the PSPCL. There is a proposal to install silent 3 nos. DG Sets (2X 240 KVA & 1 x 125 KVA) as stand-by arrangement.

- The project proponent has also proposed to provide rain water harvesting pit to recharge the rain water.
- Solar energy will be used for street light as well as in the parks.
- LED lamps and energy efficient electrical gadgets shall be used.
- As per the energy saving detail, total energy saved per day will be 177 KW/h per day.
- Used oil to be generated from the DG sets will be stored in HDPE tanks and sold to the authorized recyclers.
- The ambient air as well as ground water monitoring has been got done for all the parameters as prescribed in the NAAQM and IS: 10500. The concentration of all the parameters is found in the permissible limits.
- Partner of the company will be responsible for implementation of EMP till the handing over of the project to MC or association of residents.
- Rs. 4 lacs as capital cost, Rs. 2.5 lacs as recurring cost & Rs. 5.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred in construction phase. In construction phase & operation phase, Rs. 52 Lacs as capital cost. Rs. 10 lacs as recurring cost, Rs. 6.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred.
- The project proponent has proposed to spent Rs. 5 lacs towards CSR activities and Partner of the company will be responsible for its implementation. The list of activities are as under: -
  - a) Widening of road in the vicinity of the project.
  - b) Toilets for girls in the nearby schools.

The SEAC observed that the following clarifications/documents are required to be submitted by the project proponent:-

Sr. no.	Observations	Reply
1.	Copy of sanctioned letter of old layout plan by Local Authority	The project proponent submitted a copy of sanctioned letter issued by MC, Kharar vide no. 1355 dated 21.12.2011 wherein, it has been mentioned that the building plans of M/s Aura Avenue were approved on the basis of conditions mentioned in the memo no. 1571 dated 09.12.2011 issued by CTP, Govt. of Punjab, Chandigarh and on the basis of Modern Building Bye Laws, 2010.
2.	The project proponent has to submit the details of the area that will be used for	The project proponent submitted that at least 30% of rooftop area will be used for solar power generation and we will be able to save around

	solar power generation	177 KWh of energy per day.
3.	Declaration to the effect that green area will be provided around the STP to mitigate any odour problem	The project proponent has submitted that green area will be provided around the STP.
4.	The project proponent is required to submit the water balance calculation	The project proponent submitted the water balance calculations as under: "The total wastewater generation from the project will be 144 KLD, which will be treated in an STP of capacity 175 KLD to be installed at project site including wet weather flow. In summer season, 31 KL/day of treated wastewater will be reused for flushing purpose, 13 KLD for green area & 100 KLD will be discharged onto land for irrigation developed as per karnal technology till such time the public sewer connection is not available. In winter season, 31 KL/day of treated wastewater for flushing purpose, 05 KLD for green area & 108 KLD will be discharged onto land for irrigation developed as per karnal technology till such time the public sewer connection is not available. In rainy season, 31 KL/day of treated wastewater for flushing purpose, 03 KLD for green area & 110 KLD will be discharged onto land for irrigation developed as per karnal technology till such time the public sewer connection is not available."
5.	Clarification regarding availability of public sewer in the area and alternate disposal in case of its absence.	The project proponent clarified that the public sewer is not available and treated waste water will be discharged onto land for irrigation developed as per karnal technology till such time the public sewer connection is not available.

The SEAC observed that the project proponent has provided adequate and satisfactory clarifications to the observations raised by it. Therefore, the Committee awarded '**Silver Grading**' to the project proposal and decided that case be forwarded to SEIAA with the recommendations to grant environmental clearance for establishment of group housing project namely "Aura Avenue" at Kharar, Mohali, Punjab having plot area 3.92 acre and built up area 30559 sqm at Kharar, Mohali, Punjab subject to the following conditions in addition to the proposed measures:

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

- (i) Any appeal against this 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.

- (ii) A first aid room will be provided in the project both during construction and operation phase of the project.
- (iii) Construction of the STP, solid waste, e-waste, hazardous waste, storage facilities tubewell, 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.
- (iv) 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.
- (v) Ambient air & noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the Ministry of Environment, Forests & Climate Change guidelines and all the mitigation measures should be taken to bring down the levels within the prescribed standards.
- (vi) 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 project proponents from the competent authorities including Punjab Pollution Control Board and from other statutory bodies as applicable.
- (vii) 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.
- (viii) A proper record showing compliance of all the conditions of environmental clearance shall be maintained and made available at site at all the times.
- (ix) 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 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year.
- (x) 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.
- (xi) 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.

- (xii) 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.
- (xiii) 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 criteria 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.
- (xiv) The inlet and outlet point of natural drain system should be maintained with adequate size of channel for ensuring unrestricted flow of water.
- (xv) 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.

**PART-B – Specific Conditions:**

**II. 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.

**III. 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:
  - e. Fresh water : Blue
  - f. Untreated wastewater : Black
  - g. Treated wastewater : Green  
(for reuse)
  - h. Treated wastewater : Yellow  
(for discharge)
  - i. 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 by utilizing at least 30% of the open roof top area in the premises shall be installed 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.
- (xvi) A 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) 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 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.

## **V. 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 total water requirement will be 200 KLD which includes fresh water requirement @169 KLD. The fresh water requirement will be met through own tubewell.
- iii) a) The total wastewater generation from the project will be 144 KLD, which will be treated in an STP of capacity 175 KLD to be installed at project site including wet weather flow. As proposed, reuse of treated wastewater and



discharge of surplus treated wastewater shall be as below:

Season	Reuse for flushing (KLD)	For green area purpose (KLD)	Discharge into an area of 1.00 acre owned by Smt. Manjit Kaur for irrigation purpose developed as per karnal technology till such time public sewer connection is not available. (KLD)
Summer	31	13	100
Winter	31	05	108
Rainy	31	03	110

- 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 onto land for plantation to be developed as per Karnal Technology/ 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.
- 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 chute system provided for collection of solid waste. 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 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.
- 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.4 lacs towards capital investment and Rs. 5 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.52 lacs as capital cost in construction and in operation phase and Rs.10.00 lacs/annum as recurring expenditure, Rs. 6.90 lacs /annum for monitoring of air, noise & water as recurring cost 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. 5 lacs towards CSR activities and Partner of the company will be responsible for its implementation. The list of activities are as under: -
    - c) Widening of road in the vicinity of the project.
    - d) Toilets for girls in the nearby schools.
- 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 matter is placed before SEIAA for consideration.

**Item No. 120.19: Application for issuance of TOR under EIA notification dated 14.09.2006 for Integrated Industrial Estates namely "Super Mega Industrial Estate" in the revenue estate of Village Chamaru & Mehtabgarh, Tehsil Rajpura, Distt. Patiala by M/s Vividha Infrastructure Pvt Limited (Proposal No. SIA/PB/NCP/17956/2016)**

The facts of the case are as under: -

M/s Vividha Infrastructure Pvt Limited has applied for issuance of TOR under EIA notification dated 14.09.2006 for Integrated Industrial Estates namely "Super Mega Industrial Estate" in the revenue estate of Village Chamaru & Mehtabgarh, Tehsil Rajpura, Distt. Patiala.

Environmental Engineer, PPCB, RO, Patiala was requested vide email dated 17.02.2017 to send the latest construction status of the project site. Environmental Engineer, PPCB, RO, Patiala vide its return email dated 21.02.2017 has reported that it is intimated that the application of the promoter company had also been received through the office PBIP, wherein, EE, RO, Patiala was asked to send the comments regarding suitability of site for the proposed project of M/s Vividha Infrastructure Pvt. Ltd., Village Chamaru, Ambala- Rajpura Highway, Tehsil Rajpura, Distt. Patiala. Accordingly, the site was visited on 28.11.2016 by the AEE and it was observed that the site falls in the revenue estate of Village Chamaru & Mehtabgarh, Tehsil Rajpura, Distt. Patiala. The total area of the project is 255 acres and no demarcation had been made at the site. However, at some places of the boundary, demarcation had been made by the promoter company. The comments have been sent to the Chief Environmental Engineer, Punjab Pollution Control Board, Punjab Bureau of Investment Promotion (PBIP), Sector 17, Udyog Bhawan, Chandigarh. Vide this office letter no. 6079 dated 29.11.2016.

The site has been again visited on 17.02.2017 by this office to verify the latest status of the site. During visit, it was observed that the promoter company has not yet started civil works of the project & status of the site remains same.

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

- (i) Sh. A. Singh Rathore, Liaison Officer, Promoter Company
- (ii) Sh. Sandeep Singh Dhanoa, FAE, M/s CPTL, Chandigarh, Environmental Consultant of the promoter Company.

Sh. Amrinder Singh Rathore submitted an authority letter wherein he has been authorized by Sh. Rajesh Shama, Authorized Signatory of the company to

attend the meeting of SEAC on 23.02.2017. Further, Sh. Sandeep Singh Dhanoa submitted an authority letter dated 22.02.2017 wherein he (FAE) alongwith Dr. Satpal Verma (Tech. Manager) have been authorized by Sh. Sital Singh, CEO, CPTL to present the case of Vividha Infrastructure in the meeting of SEAC on 23/02/2017. The same were taken on record by the SEAC.

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

- The total area of the project is 255.28 acre, which includes industrial plotted area @189.40 acre, utilities (common facilities, reserve area, green belt @40.79 acre and area under road on open spaces @25.09 acre.
- The industrial estate has submitted CLU vide no. PBIP/STP/2016/658 dated 19.09.2016 from Department of Housing and Urban Development of Punjab for an area of 255.28 acres falling in Village Chamaru & Mehtabgarh, Tehsil Rajpura, Distt. Patiala subject to certain conditions. One of the condition is that applicant shall not make any construction within 100-meter radius of Cos Minar (Heritage monument) and shall also not construct any residential building within 300-meter radius of brick kiln.
- The names of the directors in the promoter company are Mr. F Fred Ebrahimi, Mr. Bradford C. Nelson & Mr. Surinder Kumar.
- The total cost of the project is Rs. 170 crore.
- The total water requirement will be 1884 KLD which includes green area requirement @1600 KLD (one time, thereafter, treated water) and water for the persons employed in the industry @284 KLD. The domestic waste water @227 KLD after treatment in an STP of capacity 250 KLD will be utilized onto land for plantation within premises.
- The project proponent in its reply to the EDS raised online has mentioned that all the industries will provide their own ETP and the promoter company will be able to use 1600 KLD treated water on green area generated from the industries. If any of industry generates extra waste water, then it will be responsibility of the plot owner to make appropriate arrangement for the disposal of the same. Further, no industry falling under category 1 to 7 of schedule of EIA Notification, 14.09.2006 will be allowed to setup in the proposed industrial estate.

- Total power requirement for the project will be 2.5 MW which will be provided by PSPCL. The project proponent has proposed to Silent DG sets as a backup in its premises.
- Solar lights will be provided for street lighting i.e. Solar cell powered street lights, CFL/LED Lamps will also be used. Total 300 KWh/day of energy will be saved through use of said energy.
- The project proponent also submitted a copy of acknowledgement for obtaining permission under Forest Conservation Act, 1980 from Forest Department regarding permission for passage to the site of Super Mega Industrial Estate.
- The project proponent has submitted the proposed Terms of Reference (TORs).

To an observation of SEAC, the project proponent submitted list of activities to be carried out during construction and operation phase.

After detailed deliberations in the matter, the SEAC decided to recommend to SEIAA to issue the following "Terms of Reference" to the project proponent for preparation of the EIA report:

#### **A. Construction stage**

1. The project falls under category **B-1** under item 8(b) Township and Area Development projects and requires an Environmental Impact Assessment Study for the entire site area (core zone) and an area of 10 kms radius around the project site (buffer zone) for one full season other than Monsoon.
2. Examine and submit the details of the environmental impacts due to brick kiln located near the project site & Environmental Impacts on the CosMinar (Heritage Monument) due to construction activity of the project
3. Examine and submit the details regarding two no. ETPs marked on the layout plan viz-a-viz- proposal to install individual ETPs by the Industrial units.
4. Examine and submit the details of the environmental impacts due to change of land use and land cover including aspects such as hydrological characteristics, imperviousness of land and drainage pattern being altered.
5. Examine and submit the details of the environmental impacts at the stage of construction of boundaries & fencing including its impact on the pattern of natural drainage and flooding pattern and barriers being constructed for restricting wildlife movement into project area.

6. Examine and submit the details of the environmental impacts due to leveling and landscaping including aspects such as excavation & filling of soil, clearing of vegetation, change of topography, development of plantation, green belt, lawns & parks and development of impervious areas.
7. Examine and submit the details of the environmental impacts due to excavation, transportation and filling of earth including aspects such as excavation, filling, sourcing, transportation and disposal of soil.
8. Examine and submit the details of the construction material to be used at the construction stage including aspects such as quarries and transportation, stone crushing and screening, mining & transportation of sand, soil excavation, transportation and filling.
9. Examine and submit the impacts being caused due to transportation of construction materials and men such as increase in traffic and load on public transportation facility, destruction and damage of transportation infrastructure, increase of risk due to road accident, pollution caused due to dust and tail pipe emissions and consumption of fuel by transport vehicles.
10. Examine and submit the details of the temporary housing and amenities to be created and used by the work force including aspects such as water supply, electrical energy and fuel supply.
11. Examine and submit the details of the environmental impacts at the stage of construction of roads, transportation facility and other physical infrastructure including aspects such as use of construction materials, excavation and /or filling of soil, generation of construction waste, creation of impervious surfaces, noise & suspended dust pollution and accidental risk.
12. Examine and submit the details of the noise pollution, air pollution, consumption of fuel and generation of scrap being caused due to operation and maintenance of construction machinery and equipment.
13. Examine and submit the details of the source and supply of water for construction activity.
14. Examine and submit the details of the source and quantity of power for construction activity.
15. Examine and submit the details of the fuel consumption, noise pollution, emissions of the exhaust gases, engine & coolant oil and batteries being discarded due to captive and emergency power generation.

16. Examine and submit the details of the handling of wastewater during construction including the domestic wastewater being generated from amenities.
17. Examine and submit the details of the environmental impacts at the stage of development of industrial buildings, commercial, institutional and other infrastructure including aspects such as construction materials to be used, earth work (excavation and/or soil filling), generation of construction waste, lighting, HVAC units, waste generation from packaging, residual paints and chemicals and their cans, Generation of wooden, glass, metal and other scrap materials, plumbing and sanitary waste generation, creation of impervious surfaces, noise pollution, suspended dust pollution and risk of accidents.
18. Examine and submit the details of the environmental impacts due to the laying of the water supply system including aspects such as use of piping, fittings and pumps, water pumping stations, earth work and water treatment plant.
19. Examine and submit the details of the environmental impacts due to the laying of the sewerage and sewage treatment and disposal system including aspects such as use of construction material, piping, fittings and pumps, earth work, laying of sewers & manholes, sewage pumping stations and sewage treatment plant.
20. Examine and submit the details of the environmental impacts due to the laying of the storm water drainage system including aspects such as use of construction material, piping, fittings and pumps, earth work, storm drains, storm water inlets and catch basins and storm water outfalls.
21. Examine and submit the details of the environmental impacts due to the electrical power system and street lighting to be provided including aspects such as construction materials to be used, distribution lines, cables, control panels, transformers and meters.

#### **B. Operation stage**

1. Examine and submit the details of the environmental impacts due to the Industrial, commercial, institutional & other proposed activities.
2. Examine and submit the details of the environmental impacts due to the facilities to be provided such as water supply, electrical power supply, fuel supply & consumption including LPG, transportation and communication.



3. Examine and submit the details of the environmental impacts on the CosMinar (Heritage Monument) existing within the site and other sensitive receptors in the core zone and the buffer zone.
4. **(a)** Examine and submit the details of the environmental impacts due to the water consumption, trade effluent and its treatment, sewerage & sewage treatment and disposal systems viz-a-viz availability of adequate land for its disposal.  
**(b)** Examine and submit the details of the environmental impacts due to storm water and its drainage system.
5. Examine and submit the details of the environmental impacts caused due to the generation of captive power & emergency power.
6. Submit the details of the management & handling of municipal solid waste, e-waste, hazardous waste, scrap, estate management, and construction and demolition waste management. The proposal of MSW should include the bio-composting of the organic waste.
7. Submit the details of the socio economic impact due to the employment to be generated from the household activities.

#### **C. General**

1. Other details as indicated in Appendix III of EIA Notification 2006 and the manual titled as "EIA guidance Manual-Building, Construction, Township and area Development projects" published by the Ministry of Environment & Forests, New Delhi, should also be attended.
2. Environmental aspects identified under some of the project activities may not be comprehensive and some of the significant aspects under some of the activities of the project in question might not have been identified. All such environmental aspects may be added to the list.
3. Some of the activities with their associated environmental aspects of the project in question might be of significant magnitude and not included in the list project activities. All such activities may be added to the list of project activities.
4. The project proponent may add additional project activities and environmental aspects, if any, fill the impact matrix (copy attached) and carryout significance analysis for identifying the significant environmental aspects. Scale, sensitivity and duration of impacts; type, size and frequency of environmental aspects;

applicable legal requirements; and concerns of interested parties and local public may be used as the basis for the significance analysis of the environmental aspects.

5. In the EIA study each of the environmental aspects listed in the TOR should be quantified, their positive and negative impacts on different areas of impacts should be identified and assessed and the results of such assessment should be reported in the EIA report.
6. In the Environment Management Plan, management of each of the significant environmental aspects (with identified and assessed significant environmental impacts) for mitigating the impacts should be objectively stated.
7. Environment Management Plan should include technical and institutional aspects for pre-treatment by constituent units.
8. Environmental Management Plan should be accompanied with Environmental Monitoring Plan and environmental cost and benefit assessment.
9. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan.
10. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
11. Does the Environment policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.
12. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions. Details of this system may be given.
13. Does the company have a system of reporting of non compliances / violations of environmental norms to the Board of Directors of the Company and / or shareholders or stakeholders at large? This reporting mechanism should be detailed in the EIA report.
14. Delineate the concrete proposal regarding activities to be undertaken under Corporate Social Responsibility programme, which should be long lasting in nature and should be as per the needs of a particular Village/area/ local habitats/ stakeholders to be adopted by the promoter company, which can be done by involving a person having knowledge and experience of socio-economic activities.

15. The EIA study report shall include mathematical modeling to assess the impact of the project on ambient air quality of the area adjoining to the project site.

The aforesaid 'Terms of Reference' will be valid for a period of three years from its issuance. The project proponent should prepare rapid EIA / EMP Report for its project based on above Terms of Reference. The EIA report shall also include wind rose diagrams for all the four seasons. The IMB data for the purpose of drawing windows diagram for the seasons other than study period may be used. The final EIA be submitted to the SEIAA for appraisal.

The matter is placed before SEIAA for consideration.

**Item No. 120.20: Application for issuance of TOR under EIA notification dated 14.09.2006 for expansion of integrated residential township project namely "Omaxe Chandigarh Ext." in the revenue estate of Village Kansala, Ranimajra, Dhodemajra, Rasoolpur, Salamatpur, Raul, Bharonjian, Ghandouli, Bhagat Majra, Saini Majra, Bansepur, Paintpur, Chahar Majra, Sanglan in Mullanpur, Mohali (LPA) by M/s Omaxe Chandigarh Extension Developers Pvt. Ltd. (Proposal No. SIA/PB/NCP/17169/2016)**

The facts of the case are as under: -

M/s Omaxe Chandigarh Extension Developers Pvt. Ltd. has applied for issuance of TOR under EIA notification dated 14.09.2006 for expansion of integrated residential township project namely "Omaxe Chandigarh Ext." in the revenue estate of Village Kansala, Ranimajra, Dhodemajra, Rasoolpur, Salamatpur, Raul, Bharonjian, Ghandouli, Bhagat Majra, Saini Majra, Bansepur, Paintpur, Chahar Majra, Sanglan in Mullanpur, Mohali (LPA). The project is covered under category 8 (b) of the Schedule appended to the said notification.

- Earlier the project was accorded EC by SEIAA, Punjab vide letter no. 1878 dated 25.03.2015 for developing an integrated residential township in an area of 592.463 acre in the revenue estate of village Kansala, Ranimajra, Dhodemajra, Rasoolpur, in Mullanpur (LPA), Mohali.
- The layout plan has been approved by Chief Town Planner, Punjab vide Letter No. 3269 CTP (Pb)-MPM-131 dated 10-06-2014. The permission for change of land use has been granted by Department of Town & Country Planning Punjab vide letter no. 3368/CTP (Pb)/SP-432(M) dated 21.04.2009 for an area measuring 113.513 acres, vide letter no. 4156/CTP (Pb)/SP-432(M) dated 28.05.2010 for an area measuring 123.97 acres, vide letter no. 8648/CTP (Pb)/SP-432(M) dated 13.12.2010 for an area measuring 21.166 acres, vide letter no. 4613/CTP (Pb)/SP-432(M) dated 29.06.2011 for an area measuring 208.442 acres, vide letter no. 5531/CTP (Pb)/SP-432(M) dated 05.08.2011 for an area measuring 179.35 acres, vide letter no. 5829/CTP (Pb)/SP-432(M) dated 19.08.2011 for an area measuring 43.445 acres, vide letter no. 7048/CTP (Pb)/SP-432(M) dated 18.10.2011 for an area measuring 28.34 acres, vide letter no. 4143/CTP (Pb)/SP-432(M) dated 13.08.2012 for an area measuring 69.868 acres and vide letter no. 4063/CTP (Pb)/SP-432(M) dated 19.07.2013 for an area measuring 70.68 acres.

- The total cost of the project is Rs. 1500 crore.
- Now, the project proponent has proposed to revise his scheme by increase in plot area from 592.463 acre to 793.679 acre. Therefore, the present application has been filed for expansion of the project.
- The total water requirement will be 13,591 KLD. The treated water @10872 KLD after STP will be utilized i.e. in summer season, the project proponent has proposed to utilize 1769 KL/day of treated wastewater for flushing purpose, 1018 KLD for green area & 8085 KLD will be discharged into sewer. In winter season, 1769 KL/day of treated wastewater for flushing purpose, 227 KLD for green area & 8876 KLD will be discharged into sewer. In rainy season, 1769 KL/day of treated wastewater for flushing purpose & 9103 KLD will be discharged into sewer.
- Total power requirement for the project will be 25 MVA which will be provided by PSPCL. The project proponent has proposed to Silent DG sets as a backup in its premises.
- Solid waste generation from the project will be 37,624 Kg/day.
- The project proponent also submitted a copy of acknowledgement alongwith set of an application applied online for obtaining permission from NBWL as Sukhna wildlife Sanctuary & Bird Sanctuary are falling within radius of 10 kms from the project site
- The list of directors submitted by the promoter company are Sh. Krishan Kumar Aggarwal, Sh. Kamal Kishore Gupta, Sh. Vinit Goyal and Smt. Indu Bala
- The project proponent has submitted the proposed Terms of Reference (TORs).

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

1.	Properly filled Form 1 & pre-feasibility report	Yes
2.	Proof of ownership of land	submitted
3.	CLU status and approved drawing	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

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

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

- (i) Sh. Mukesh Bhatti, Asst. General Manager, of the promoter company.
- (ii) Sh. Sandeep Singh Dhanoa, FAE, M/s CPTL, Chandigarh, Environmental Consultant of the promoter Company.

Sh. Mukesh Bhatti submitted an authority letter wherein he has been authorized by Sh. Daleep Moudgil, Director of the company to attend the meeting of SEAC on 23.02.2017. Further, Sh. Sandeep Singh Dhanoa submitted an authority letter dated 22.02.2017 wherein he (FAE) alongwith Dr. Satpal Verma (Tech. Manager) have been authorized by Sh. Sital Singh, CEO, CPTL to present the case of Omaxe Chandigarh Extension in the meeting of SEAC on 23/02/2017. The same were taken on record by the SEAC.

On perusal of interim report received from visiting SEAC members, the SEAC observed that there is no construction of any sort going on at the project site during visit by the SEAC Members. The SEAC further observed that total plot area after expansion will be 662 acre or 268 hectares which is more than 150 hectares. As per amendment dated 09.12.2016 in Schedule-I of EIA notification dated 14.09.2006, the projects having development area  $\geq 150$  hectare or built up area  $\geq 3$  lacs sqm have been categorized as category A projects and are to be appraised and decided by the MoEF & CC, New Delhi. As such, the competency to appraise and decide the present case lies with MoEF & CC.

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

The matter is placed before SEIAA for consideration.

**Item No.120.21: Application for obtaining Environmental Clearance under EIA notification dated 14.09.2006 for construction of Common Effluent Treatment Plant for Jalandhar Effluent Treatment Society at Industrial Focal Point (Extn.), Jalandhar (Proposal no SIA/PB/MIS/17044/2017)**

The facts of the case are as under: -

M/s Jalandhar Effluent Treatment Society has applied vide letter dated 29.12.2014 for obtaining the environmental clearance as required under EIA notification dated 14.09.2006 for construction of Common Effluent Treatment Plant at Industrial Focal Point (Extn.), Jalandhar. The project is covered under category 7 (h) of the Schedule appended to the said notification.

The case was considered by the SEAC in its 106<sup>th</sup> meeting held on 17.01.2015 and 107<sup>th</sup> meeting held on 21.01.2015 and was deferred due to paucity of time in both the meetings.

The case was considered by the SEAC in its 108<sup>th</sup> meeting held on 06.02.2015, however, no one from the project proponent attended the meeting.

The Committee, in compliance to the office memorandum dated 25.02.2010 of the MoEF, decided to defer the case.

The case was considered in the 109<sup>th</sup> meeting of SEAC held on 20.02.2015 but no representative of project proponent attended the meeting. However, representation dated 19.02.2015 from Sh. Gursharan Singh, President of promoter society was received, wherein it had been mentioned that they have come to know that the meeting of SEAC is scheduled for 20.02.2015 and their case regarding issuance of TORs will be taken up in the meeting. On such a short notice, none of the project proponent is available to attend the meeting and requested to consider their case in the next meeting, with specific request that atleast one week of prior intimation may be provided for any meeting in future.

The SEAC considered the request, and decided to defer the case to next meeting.

The case was considered by the SEAC in its 110<sup>th</sup> meeting held on 18.03.2015, which was attended by the following on behalf of project proponent to present the proposed TOR's:

1. Sh. Gursharan Singh, Chief Executive Jalandhar Effluent Treatment Society.
2. Sh. Vishal Duggal, Environmental Consultant of M/s Ace Engineers & Consultants, Patiala

Sh. Vishal Duggal, Environmental Consultant of M/s Ace Engineers & Consultants, Patiala presented the project proposal before the SEAC as under:

- The total project area is 4600 sq yards.
- The project is meant to treat 150 KLD of process effluent from the industries (mainly from electroplating industries) of Jalandhar and surrounding areas. The treatment process will generate 1.0-1.25 MTD of primary (chemical) sludge and 1.0-1.5 MTD of ash from thermo-pack furnace. The ETP's sludge will be handled and disposed off as hazardous waste.
- Total water requirement for the project will be 5 KLD to meet the utility and domestic requirement.
- The total load of electricity required for proposed project will be 200 KW which will be supplied by PSPCL.

He also submitted proposed ToRs for EIA study during presentation.

Sh. Vishal Duggal, Environmental Consultant of the promoter company requested that:

- (i) The proposed site being located inside the designated industrial area i.e. Focal Point of PSIEC, as such, exemption may be given from conducting public hearing.
- (ii) They have already completed baseline environmental monitoring (as per the conventional recommendations of MoEF), which was carried out during December, 2014 to February, 2015 and they may be allowed to use the data thus collected. He also submitted a written request in this regard.
- (iii) The Committee may issue ToRs for carrying out the EIA study.

The SEAC was apprised that the Punjab Pollution Control Board, Regional Office, Jalandhar vide letter No. 3558 dated 17.03.2015 has informed that the site of the project was visited on 17.03.2015 and observed that there is no construction activities started at site as yet.

The SEAC further observed that the ToRs proposed by the project proponent are not upto the mark and should have included all the model ToRs prescribed by the Ministry of Environment, Forests & Climate Change in the manual for such type of projects. The SEAC further observed that the project proponent is required to attend to following additional observations:



- (i) Coal/bio-mass @ 8-10 MT/day has been proposed to be consumed as fuel in the thermopack furnace whereas calorific value of the two fuels is different. Hence, quantification as well as environmental impact assessment of both the fuels are required to be worked out separately.
- (ii) The project proponent has proposed the consumption of fresh water @ 5 KLD. However, the different purposes for the use of fresh water are required to be elaborated.
- (iii) The project proponent shall explore the mechanism to correct the pH of the effluent at the time of collection of the effluent.
- (iv) The request of the project proponent regarding exemption from the requirement of conducting public hearing may be considered as MoEF&CC vide Office Memorandum dated 10.12.2014 has clarified that the exemption from public consultation, as provided for under para 7 (i) III. Stage(3)(i)(b) of EIA notification, 2006 is available to the projects or activities or units located within the Industrial Estates or Parks, which were notified prior to 14.09.2006 i.e. the EIA notification, 2006 coming into force. However, the request of the project proponent regarding exemption from the requirement of conducting public hearing may be considered subject to the condition that the project proponent will submit the documentary proof to the effect that the establishment of Focal Point, wherein the proposed site is to be located, is prior to the issuance of EIA notification, 2006.

After detailed deliberations in the matter, it was decided to categorize this project as category **B-1** and

- (v) The project proponent may use the baseline data already procured subject to the condition that the project proponent will submit the documentary evidence to the effect that it has adopted protocol prescribed by SEIAA including advance intimation to SEIAA for carrying out the said monitoring.

After detailed deliberations in the matter, it was decided that the "Terms of Reference" for preparation of the draft Rapid EIA report be finalized and issued to the project proponent.

Accordingly, the Terms of Reference were issued to the project vide letter no. 2259 dated 31.03.2015.

Now, the project proponent has submitted EIA report online on 24.01.2017 based on the TORs.

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

- (i) Sh. Prashant Pratap, Manager (JETS) of the promoter company.
- (ii) Sh. Vishal Duggal, SSWML, Zirakpur, Environmental Consultant of the promoter Company.

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

➤ He firstly submitted the reply to the additional TOR's as under:-

Sr.No.	Additional Observations	Reply
1.	Coal/bio-mass @ 8-10 MT/day has been proposed to be consumed as fuel in the thermopack furnace whereas calorific value of the two fuels is different. Hence, quantification as well as environmental impact assessment of both the fuels are required to be worked out separately.	Fuel requirement will be a maximum of ~6 MT/day which will include biomass (wood, straw, rice husk, etc.) and coal (B-grade). The average GCV of ~3500 kCal/kg and 5000 kCal/kg for biomass and coal, respectively. Whereas, primary fuel will be biomass, the coal will be used as a substitute only. The fuel requirement will reduce to ~4 MT/day if only coal is used. Worst case scenario will be in case of use of biomass as fuel.
2.	The project proponent has proposed the consumption of fresh water @ 5 KLD. However, the different purposes for the use of fresh water are required to be elaborated.	<ul style="list-style-type: none"> <li>• Domestic requirement – ~3 m3/d</li> <li>• Laboratory – ~0.3 m3/d</li> <li>• Ash quenching – ~1 m3/d</li> <li>• Chemical solution – ~1.5 m3/d</li> </ul> A part of water requirement for ash quenching/chemical solution will be met from cooling water blow-down (~1 m3/day) and remaining from fresh ground water.
3.	The project proponent shall explore the mechanism to correct the pH of the effluent at the time of collection of the effluent.	pH correction normally requires controlled intervention (through specific chemical dosing in requisite quantity) which is ordinarily not possible at collection stage. Besides, there will be wastage of chemical.
4.	The request of the project proponent regarding exemption from the requirement of conducting public hearing may be considered as MoEF & CC vide Office Memorandum dated 10.12.2014 has clarified that the	The project proponent submitted a letter bearing number 30382 dated 18.01.2017 addressed to President CETP issued by Assistant Town Planner, PSIEC where in it has been mentioned that Department of Industries & Commerce, Govt. of

	<p>exemption from public consultation, as provided for under para 7 (i) III. Stage(3)(i)(b) of EIA notification, 2006 is available to the projects or activities or units located within the Industrial Estates or Parks, which were notified prior to 14.09.2006 i.e. the EIA notification, 2006 coming into force. However, the request of the project proponent regarding exemption from the requirement of conducting public hearing may be considered subject to the condition that the project proponent will submit the documentary proof to the effect that the establishment of Focal Point, wherein the proposed site is to be located, is prior to the issuance of EIA notification, 2006.</p>	<p>Punjab has issued notification u/s 6 of the Land Acquisition Act, 1894 on 12.06.1989 for setting of Industrial Focal Point Jalandhar (Extension). Thereafter the Focal Point was developed in the year 1919-1992.</p>
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- The study has been carried out from December-2014 to February-2015. It is basically a common effluent treatment plant which is being installed to process the effluent generated from metal surface treatment industries.
- The total project area is 3845 sqm which has been taken on lease from PSIEC. The site is located in notified industrial zone.
- The total project cost will be 350 lacs. The design capacity of CETP is 150 KL/day and it will treat the effluent generated from small scale industrial units of Jalandhar and nearby districts.
- The treatment process will generate 1.0-1.25 MTD of primary (chemical) sludge and 1.0-1.5 MTD of ash from thermo-pack furnace.
- Total water requirement for the project will be 5 KLD to meet the utility and domestic requirement.
- The total load of electricity required for proposed project will be 200 KW which will be supplied by PSPCL.
- The main role/responsibilities of Project Proponent is as under:
  - On-site execution and commissioning of the CETP.
  - Operation of the CETP through self or through third-party contract for the project life (as per the agreement).

- Collection of raw effluent from the member industries through door-to-door collection.
  - Supply/distribution of reclaimed water for process reuse.
  - Management of secondary wastes generated in the process.
  - Maintaining appropriate logs/records to the satisfaction of local regulatory authorities. Maintenance (planned/breakdown) of CETP machinery and equipment for the project life.
  - To submit to penal action (if any, enforced by the regulatory authorities) in case of any default in complying with the statutory provisions/ agreement terms.
- The main role/responsibilities of member industries is as under:
- To ensure providing process effluent for treatment to the CETP within the maximum quantity committed.
  - To ensure timely payment of applicable dues and charges.
  - To ensure that the characteristics of process effluent being provided satisfies the acceptable range agreed upon/stipulated by the applicable statutory provisions.
  - To ensure process shutdown in the event of intimation regarding any emergency forcing stoppage of CETP operations.
  - To submit to penal action (if any, enforced by the regulatory authorities) in case of any default in complying with the statutory provisions/agreement terms.
- The characteristics of raw effluent include pH 1.0-1.25, TDS>12000 ppm, TSS >350 ppm, Hexa chrome> 80 ppm, Nickel > 50, Zinc > 30, Iron> 10 & oil & grease > 20. However, the characteristics of reclaimed water i.e. after treatment will be pH 7-7.5, TDS< 1000 ppm & all other parameters will be below detectable limit.
- The ambient air quality monitoring (PM 10, PM 2.5, SO<sub>2</sub> & NO<sub>x</sub>), noise monitoring, surface water & ground water monitoring was done at different locations and the results were found within the permissible limits.
- The different environmental concerns are as under: -
- a) Land Environment
- Surrounding area already under industrial use.
  - Land use classification (as per Master Plan) – Industrial use.

- Flat terrain.
- No natural drain-line passing through the site area.
- Site well connected with local road network.

b) Water & wastewater

- Source of water – ground water
- High quality (low TDS) water to be produced in the process
- Net fresh water requirement – <5 m<sup>3</sup>/day
- The project is meant to mitigate/ameliorate alarming scenario of metal surface treatment effluent treatment and disposal

c) Solid Waste

- Effluent treatment sludge's – <2.8 MT/day
  - To be dried on-site and disposed as hazardous waste through State's common TSDF facility
- Thermopack ash – ~1-1.5 MT/day
  - To be disposed as soil conditioner (for agricultural activities) and can also be used as pozzolanic material (for construction related activities)

d) Air Pollution

- Combustion emissions from Thermopack (~600,000 kCal/hour) furnace
  - Fuel – coal/biomass
  - Biomass fuel (wood, straw, rice husk, etc.) requirement – ~6 MT/day
  - Coal (B-grade) requirement – ~4 MT/day
  - The average GCV – ~3500 kCal/kg (biomass) and 5000 kCal/kg (coal)
  - Whereas, primary fuel will be biomass, the coal will be used as a substitute only. Worst case scenario will be in case of use of biomass as fuel.
  - Flue gas generation – ~4000-5000 Nm<sup>3</sup>/hour
  - Expected SPM loading (untreated emissions) - ~3000-7000 mg/Nm<sup>3</sup>
  - Applicable statutory norm;
  - SPM (in stack emissions) – <500 mg/Nm<sup>3</sup>
  - Proposed flue gas cleaning device – Bag-house filter
- The general concern is Effluent transportation and handling which will be done as under: -
- The CETP management will transport the collected effluent through vehicle mounted mobile carriers
  - The collecting vehicles' movement to be continuously monitored by GPS system

- The speed of carriers to be limited to <40 km/hour
- Well qualified manpower to be retained for the work – effluent collection, loading/unloading, treatment, monitoring, etc.
- Manpower to be adequately trained.

➤ The impact identification and assessment includes: -

#### Significant impacts

- Improvement in surface and ground water quality
- Reduction in natural water demand and water treatment requirement
- Safety concerns during handling of wastes and chemicals
- Responsible handling and disposal of effluent and hazardous wastes
- Collection and transportation of raw effluent from member industrial units

#### Conclusion

- The project has highly favourable benefits and advantages.
- The negative impact value factoring is due to the eventuality of an accident for which adequate safeguards are to be put in place to reduce the probability of any such eventualities reducing to almost zero.
- The harmful effects are easily mitigable and manageable.
- Thus, the assessment favours realisation of the proposed project at the suggested site.

➤ A minimum of 8% of the project cost, i.e., about ` 20 lacs, has been earmarked for implementation of the environmental management plan. The Environmental Management Plan to be implemented in Construction Phase and operation phase is as under; -

#### ➤ Construction phase

	Issue	Management/Mitigation measures
1.	Water environment	<ul style="list-style-type: none"> <li>• Use of water for construction, drinking and sanitation</li> <li>• Source – groundwater for drinking/sanitation; treated sewage for construction</li> <li>• Water usage to be optimized</li> <li>• Water quality (use based) – to be strictly regulated</li> <li>• Domestic wastewater to be disposed into public sewer</li> </ul>
2.	Air environment	<ul style="list-style-type: none"> <li>• Regular sprinkling of water on construction material</li> <li>• Limited storage of construction mater in open at the site</li> <li>• DG sets to be in strict compliance with applicable norms</li> </ul>
3.	Land environment	<ul style="list-style-type: none"> <li>• Careful preservation of fertile top-soil (excavated) – to be relaid for green area development</li> </ul>

		<ul style="list-style-type: none"> <li>Excavated earth to be utilized for local fill to the extent possible</li> </ul>
4.	Safety during construction	<ul style="list-style-type: none"> <li>All manpower will be provided with personal protective equipment</li> <li>Working hours and working conditions, as per ILO norms, will be strictly adhered to. Adequate preventive measures to be implemented</li> <li>Workers to be properly trained in on-site emergency response management.</li> </ul>
5.	Labour welfare	<ul style="list-style-type: none"> <li>The labour will be provided necessary facilities in functional and hygienic manner</li> <li>The sanitation and sewage system are designed, built, and operated, such that no health hazards occur and no pollution to air, ground water, etc., takes place</li> <li>No labour is allowed to stay at site as per contract agreement</li> <li>However, toilets would be provided for labour use during day time and operated so that there is no health hazard</li> <li>Special toilet arrangements for female workers will be made to ensure their privacy</li> </ul>
6.	Equipment and machinery	<ul style="list-style-type: none"> <li>All equipment and machinery will conform to the relevant BIS norms, various other statutory provisions (in terms of performance, emissions, noise, etc.)</li> <li>A record of PUC will be maintained for all plant and machinery.</li> </ul>
7.	Parking and machinery bays	<ul style="list-style-type: none"> <li>The area for parking of construction vehicles, fuel/lubricant storage area, equipment and machinery area, will be lined</li> <li>All operations will be carried out in a way to prevent the contamination of ground from spillage of fuels/lubricants</li> <li>Arrangement will be provided to arrest the run-off from the area</li> </ul>
8.	Construction material	The material to be procured from existing approved sources conforming to the applicable environmental provisions and should have valid consents/permissions/ authorizations.
9.	Construction operations	Construction material will be regularly sprinkled with water to keep the exposed surface wet and preventing it from getting air borne.
10.	Material transportation and	<ul style="list-style-type: none"> <li>The vehicles should conform to Motor Vehicles Act, 1988</li> </ul>

	handling	<ul style="list-style-type: none"> <li>• Covered transportation will be preferred</li> <li>• Due care to be taken during material unloading</li> </ul>
11.	Environmental monitoring	Periodic monitoring of air, water, noise, and soil quality, through an approved monitoring agency will be periodically undertaken to ensure safe environmental conditions

## Operation Phase

	Issue	Management/Mitigation measures
1.	General	<ul style="list-style-type: none"> <li>• All machinery to have standby provision to ensure continuous failsafe operation</li> <li>• Adequate safe storage capacity of raw/in-process effluent (equivalent to at least 2 day effluent collection) in remote eventuality of any failure resulting in stoppage of operations</li> <li>• All corrosive chemical storage tanks shall be of SS-316. and raw effluent storage and chemical reaction tanks will be of RCC (M25) with water-proofing treatment, with inner lining of at least 2 mm FRP</li> <li>• Standard operating procedures (SOPs) and Good operational practices (GOPs) will be developed and strictly followed</li> <li>• Chemicals of high quality and purity to be used</li> <li>• Periodic 3<sup>rd</sup> party performance study/audit of the CETP</li> <li>• In case of emergency shut-down, information will be immediately conveyed to the member industries and the regulatory authorities</li> <li>• All data/information regarding operation and monitoring of the CETP will be periodically shared with the regulatory authorities</li> </ul>
2.	Water environment	<ul style="list-style-type: none"> <li>• Fresh water (groundwater) to be used only for domestic purposes</li> <li>• Manifest/record of raw effluent collection and receiving from individual member industries to be assiduously maintained and regularly communicated to the PPCB</li> <li>• Special care to be taken for transportation of collected raw effluent</li> <li>• Provision of online measurement and recording of key water quality parameters and flow rates through various CETP units</li> <li>• Setting up in-house laboratory for regular process control and monitoring</li> </ul>



		<ul style="list-style-type: none"> <li>• Chemical dosage (for coagulation, flocculation, etc.) to be optimized regularly – at least once a day – through laboratory based assessment</li> <li>• In case of emergency stoppage of the treatment process, provision will be made for raw effluent storage of at least 2-day equivalent of the effluent collected</li> <li>• Domestic wastewater (~2 m<sup>3</sup>/day) to be disposed into public sewer</li> </ul>
3.	Air environment	<ul style="list-style-type: none"> <li>• Source of air pollution – combustion emissions from thermopack furnace</li> <li>• Bag-house filter to be provided for flue gas cleaning</li> <li>• Emissions to be discharged shall have SPM &lt;100 mg/Nm<sup>3</sup></li> <li>• SO<sub>2</sub>/NO<sub>x</sub> not significant parameters</li> <li>• Air pollution control system to be interlocked with thermopack firing – no flue gas can escape untreated</li> <li>• Periodic preventive maintenance of machinery/equipment of air pollution control system</li> <li>• Periodic monitoring of combustion emissions</li> <li>• Development of appropriate green belt – will address air pollution abatement and improve aesthetics</li> <li>• DG sets to be in strict compliance with applicable norms</li> </ul>
4.	Solid/hazardous waste	<ul style="list-style-type: none"> <li>• The dried sludges/solids from CETP operation to be stored on-site in HDPE bags (inside covered isolated room – marked for hazardous waste storage) and finally disposed through the State's TSDF facility</li> <li>• Spent oil will be stored in MS barrels (inside covered isolated room – marked for hazardous waste storage) and finally sold to authorized recyclers</li> <li>• Proper record of hazardous waste generation and manifest of hazardous waste storage to be maintained and appropriately communicated to the TNSPCB through periodic returns</li> <li>• Trained manpower to be deployed for hazardous waste handling</li> </ul>
5.	Health and safety	<ul style="list-style-type: none"> <li>• All manpower will be provided with personal protective equipment</li> <li>• Working hours and working conditions, as per ILO norms, will be strictly adhered to</li> <li>• Workers will be trained for safe handling of chemicals</li> <li>• The CETP units will be provided with safety rails</li> <li>• Appropriate provision of fire-fighting and electrical safety as per the statutory guidelines</li> </ul>

		<ul style="list-style-type: none"> <li>• Provision of on-site first-aid – workers to be properly trained</li> <li>• Periodic health check-up of workers</li> <li>• Workers to be properly trained in on-site emergency response management.</li> </ul>
6.	Worker's welfare	<ul style="list-style-type: none"> <li>• The labour will be provided necessary facilities in functional and hygienic manner</li> <li>• The sanitation and sewage system are designed, built, and operated, such that avoid any health hazards</li> <li>• No labour is allowed to stay at site as per contract agreement</li> <li>• However toilets would be provided for labour use during day time. Special toilet arrangements for female workers</li> </ul>
7.	Equipment and machinery	<ul style="list-style-type: none"> <li>• All equipment and machinery will conform to the relevant BIS norms, various other statutory provisions</li> <li>• The project proponent will follow "buy quiet" while selecting machinery and equipment to achieve employee daily noise exposures of or below an LAeq,8h of 85 dB(A)</li> <li>• Adequate provision of standby machinery and equipment of critical importance to avoid any breakdown related shutdown</li> <li>• Identification of critical spares and maintaining adequate inventory</li> <li>• Undertaking scheduled and preventive maintenance diligently</li> </ul>
8.	Raw effluent transportation and handling	<ul style="list-style-type: none"> <li>• The collected effluent will be transported through vehicle (LCV/HCV) mounted closed tanks.</li> <li>• All vehicles should conform to Motor Vehicles Act, 1988.</li> <li>• The collecting vehicles' movement to be continuously monitored through GPS system</li> <li>• The speed of carriers to be limited to &lt;40 km/hour – (on-vehicle speed governors to be provided in each vehicle)</li> <li>• The tanks to be used for raw effluent collection and transportation will be of acid resistant material capable of withstanding upto 6 kg/cm<sup>2</sup> pressure</li> <li>• The tanks will be leak proof and spill proof to avoid any spillage in case of any accident</li> <li>• Well qualified/experienced manpower to be retained for the work – effluent collection, loading/unloading, treatment, monitoring, etc.</li> </ul>

		<ul style="list-style-type: none"> <li>Manpower to be adequately trained.</li> </ul>
9.	Environmental monitoring	Periodic monitoring of air, water, noise, and soil quality, through an approved monitoring agency will be periodically undertaken to ensure safe environmental conditions

The SEAC observed that the project proponent has provided adequate and satisfactory clarifications to the observations raised by it. Therefore, the Committee awarded 'Silver Grading' to the project proposal and decided that case be forwarded to SEIAA with the recommendations to grant environmental clearance for construction of Common Effluent Treatment Plant by Jalandhar Effluent Treatment Society, of capacity 150 KLD and treat the trade effluent generated from small scale electroplating and pickling industries of Jalandhar and other nearby districts, having total plot area of the project as 3845 sqm located at Industrial Focal Point (Extn.), Jalandhar subject to the following conditions in addition to the proposed measures:

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

- (i) Any appeal against this 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.
- (ii) A first aid room will be provided in the project both during construction and operation phase of the project.
- (iii) Construction of the CETP, solid waste, e-waste, hazardous waste, storage facilities tubewell, 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.
- (iv) 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.
- (v) Ambient air & noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the Ministry of Environment, Forests & Climate Change guidelines and all the mitigation measures should be taken to bring down the levels within the prescribed standards.
- (vi) 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 project proponents from the competent authorities including Punjab Pollution Control Board and from other statutory bodies as applicable.

- (vii) 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.
- (viii) A proper record showing compliance of all the conditions of environmental clearance shall be maintained and made available at site at all the times.
- (ix) 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 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year.
- (x) 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.
- (xi) 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.
- (xii) 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.
- (xiii) 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 criteria 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.

#### **PART-B – Specific Conditions:**

- (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) 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.

- (iii) The project proponent shall provide electromagnetic flow meter at the outlet of the water supply, outlet of the CETP.
- (iv) The diesel generator sets to be used should conform to the provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986.
- (v) Hazardous waste/E-waste should be disposed off as per Rules applicable and with the necessary approval of the Punjab Pollution Control Board.
- (vi) Environmental Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.
- (vii) Detailed MOU among the generator units shall be worked out with the partner unit to ensure that the units comply with the agreement and send their effluents as per the agreement. The effluent generator units who have agreed to the terms and conditions of the MoU shall provide the effluents as per the agreed norms. The copy of the MoU shall be sent to SEIAA.
- (viii) The project proponent shall ensure that chemicals/s solvents such as Methyl Chloride and other toxic solvents are not allowed to enter the CETP.
- (ix) There shall be no disposal of untreated effluents into the water bodies and the entire treated/reclaimed water after MEE shall be supplied/distributed for process reuse in the nearby area. Necessary provisions/facilities shall be provided to take care of additional water in rainy seasons.
- (x) In the event of the CETPs not functioning as proposed/ breakdown of the CETP the units will close down immediately and stop discharging the effluents. The CETP shall comply with the following management/mitigation measures as proposed: -
  - a) All machinery shall have standby provision to ensure continuous failsafe operation.
  - b) Adequate safe storage capacity of raw/in-process effluent (equivalent to at least 2 day effluent collection) in remote eventuality of any failure resulting in stoppage of operations shall be provided.
  - c) All corrosive chemical storage tanks shall be of SS-316. and raw effluent storage and chemical reaction tanks shall be of RCC (M25) with water-proofing treatment, with inner lining of at least 2 mm FRP .
  - d) Standard operating procedures (SOPs) and Good operational practices (GOPs) shall be developed and strictly followed.
  - e) Chemicals of high quality and purity shall be used.
  - f) Periodic 3<sup>rd</sup> party performance study/audit of the CETP shall be carried out.
  - g) In case of emergency shut-down, information shall be immediately conveyed to the member industries and the regulatory authorities.
  - h) All data/information regarding operation and monitoring of the CETP will be periodically shared with the regulatory authorities
- (xi) The CETP shall provide the following mitigation measures to control the air

emissions generated from the source of air pollution (thermopack furnace):

- a) Bag-house filter shall be provided for flue gas cleaning.
  - b) Emissions to be discharged shall have SPM <100 mg/Nm<sup>3</sup>.
  - c) Air pollution control system to be interlocked with thermopack firing – no flue gas shall escape untreated.
  - d) Periodic preventive maintenance of machinery/equipment of air pollution control system shall be carried out.
  - e) Periodic monitoring of combustion emissions shall be carried out.
  - f) Appropriate green belt to address air pollution abatement shall be developed.
- (xii) The freshwater utilization for the project shall not exceed 5 KLD.
- (xiii) The CETP shall adopt the following management/mitigation measures for raw effluent transportation & handling: -
- a) The collected effluent shall be transported through vehicle (LCV/HCV) mounted closed tanks.
  - b) All vehicles should conform to Motor Vehicles Act, 1988.
  - c) The collecting vehicles' movement shall be continuously monitored through GPS system
  - d) The speed of carriers shall be limited to <40 km/hour – (on-vehicle speed governors to be provided in each vehicle)
  - e) The tanks to be used for raw effluent collection and transportation shall be of acid resistant material capable of withstanding upto 6 kg/cm<sup>2</sup> pressure
  - f) The tanks shall be leak proof and spill proof to avoid any spillage in case of any accident
  - g) Well qualified/experienced manpower shall be retained for the work – effluent collection, loading/unloading, treatment, monitoring, etc.
  - h) Manpower shall be adequately trained.
- (xiv) The units and the CETP shall maintain daily log book of the quantity and quality of discharge from the units, quantity of inflow into the CETP, details of the treatment at each stage of the CETP including the raw materials used, quantity of the treated water proposed to be recycled, reused within the textile park/units, quantity of the treated effluent discharged. All the above information shall be provided on-line on the web site exclusively prepared for the purpose by the CETP owner. The website shall be accessible by the public. The financial and energy details of the CETP shall also be provided along with details of the workers of the CETP.
- (xv) The CETP shall have adequate power back up facility, to meet the energy requirement in case of power failure from the grid.
- (xvi) The CETP shall be accessible by the public to monitor the functioning of the CETP.
- (xvii) The solid waste from CETP/units will be disposed off as per the norms laid down by Punjab Pollution Control Board.

- (xviii) A land area shall be earmarked for development of green belt.
- (xix) The ground water at the site will also be monitored and information made available on the above web site of the company
- (xx) Rainwater harvesting shall be practiced. A detailed scheme for rainwater harvesting to recharge the groundwater aquifer shall be prepared in consultation with Central Ground Water Authority/State Groundwater Board and a copy of the same shall be submitted within three months to this Ministry.

**PART C – General Conditions :**

- 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 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.
- iii) 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.
- iv) The project proponent shall adhere to the commitments made in the Environment Management Plan and shall spend minimum amount of Rs. 20 lacs.

The matter is placed before SEIAA for consideration.

**Item No.120.22: Application for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of commercial project namely "LIC Complex" at Plot no.1 Old Distt. Court Complex, Distt. Ludhiana being developed by M/s LIC of India (Proposal no SIA/ PB/ NCP/ 39172/2016)**

The facts of the case are as under: -

M/s LIC of India has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of commercial project namely "LIC Complex" at Plot no.1 Old Distt. Court Complex, Distt. Ludhiana. The project is covered under category 8 (a) of the Schedule appended to the said notification.

EE, PPCB, RO-3, Ludhiana was requested vide email dated 23.09.2016 to visit the proposed site of the project and send construction status of the same, immediately.

EE, PPCB, RO-3, Ludhiana vide its return email dated 03.10.2016 has reported that the proposed site was visited by AEE of this office on 03.10.2016 and observed that the site is situated in front of M/s Bharti Reality Pvt. Ltd (Pavilion mall) at old district court complex road, Ludhiana. There is also Educational Institute namely Punjab University Regional Centre adjoining to the proposed site. The site is a vacant plot and boundary wall of the site is earmarked with the brick wall. The project proponent has also provided main gate at the site. The project proponent has not started any construction activity at the site. The project proponent has submitted allotment letter issued by the PUDA vide his letter no. LO-PCDA-LDH-OS-9326 dated 15.10.2008, which shows that the proposed site is used for commercial purpose. Hence the site is suitable.

The case was considered by the SEAC in its 151<sup>st</sup> meeting held on 24.10.2016, which was attended by the following:-

- i) Smt. Sharmila Rawal, Manager (Estate) on behalf of project proponent.
- ii) Sh. Venkatesh Prakash, Asst. Manager, GRC India (P) Ltd. Environmental Consultant of the promoter Company.

Smt. Sharmila Rawal submitted the authority letter wherein, she has been authorized by Sh. D.C. Thakur, Senior Divisional Manager, LIC, India to appear in the 151<sup>st</sup> meeting of SEAC on behalf of project proponent. The same was taken on record by the SEAC. The SEAC allowed the project proponent to



present the salient features of the project and the environmental consultant presented the case as under:-

- The total land area of the project is 14,572.80 sqm and the total built up area will be 65,905.27 sqm. The total cost of the project is 140.05 crores.
- The project comprises of showrooms /shops, offices, entertainment zone (gaming/audit) & Food court and total population will be 7349 persons including visitors.
- The land has been allotted for commercial purposes as per the Allotment Letter No. LO-PCDA-LDH-OS-9326 Dated 15.10.2008 by Punjab Urban Planning & Development Authority, Ludhiana.
- Layout plan was approved by CTP, Punjab vide letter no. 42 dated 15.01.2014
- Adequate parking provision (900 ECS + 2 ECS for handicap) will be kept for parking of vehicle.
- The total fresh water requirement for the project will be 251 KL/day for summer season, 242 KLD for winter season & 328 KLD for Monsoon season which will be met through GLADA. However, the domestic water requirement for all the three seasons will be 35 KLD. About 182 KLD water will be utilized for HVAC cooling in all the three seasons.
- The total wastewater generation from the project is 157 KLD, which will be treated in a STP's of capacity 200 KLD to be installed within the project premises. The generation of treated water after STP will be 141 KLD. In summer season, the project proponent has proposed to utilize 141 KL/day of treated wastewater for flushing purpose & 14 KLD of fresh water will be utilized for horticulture & landscape development. In winter season, 141 KL/day of treated wastewater for flushing purpose & 5 KLD of fresh water will be utilized for horticulture & landscape development. In rainy season, 141 KL/day of treated wastewater for flushing purpose & 1 KLD as fresh water will be utilized for horticulture & landscape development.
- About 2525 sqm land will be developed as green area, which will be the area under tree plantation along the road.
- The ground water supply will be taken through GLADA. The project proponent has attached a copy of letter no. 4144 dated 17.06.2016 wherein the project proponent has deposited the charges for obtaining sewerage connection.

- Total 7 number of rain pits will be provided considering peak hourly rainfall has been considered as 45 mm/hr. The recharge pit of 3 m diameter and 4 m depth is constructed for recharging the water.
- The total quantity of solid waste to be generated from the proposed project has been estimated as 1292 Kg/Day. The solid waste of the project will be segregated into biodegradable waste and non-biodegradable. Biodegradable waste and non biodegradable waste will be collected in separate bins. Biodegradable waste will be converted into manure through the vendor. The recyclable wastes will be sold to the recyclers. Non recyclable waste will be finally disposed through govt. approved agencies.
- The project proponent has also attached a copy of letter no. 3722 dated 07.06.2016 issued by MC, Ludhiana wherein LIC complex has been given permission for disposal of solid waste at the solid waste dump site of MC Ludhiana.
- Used oil to be generated from the DG sets will be stored in HDPE tanks and sold to the authorized recyclers.
- Total power requirement for the project will be 4041 KW which will be provided by PSPCL. The project proponent has also proposed to install 4 nos. silent DG sets of capacity 1000 KVA each as power backup.
- LIC of India doesn't come under Company act and also it doesn't generate any profit. Hence, CSR should not be deterrent for issuing EC. The copy of the Life Insurance Corporation Act, 1956 and as per Gazette notification of 26th June 1956, showing that on 1st July 1956 this act came into force was submitted.
- Environment Management Cell structure will be responsible for implementation of EMP. During construction phase, Rs. 54 lacs will be incurred as capital cost & Rs. 20.35 lacs will be incurred as recurring cost. During operation phase, Rs.9.0 lacs will be incurred as recurring cost. Environment Management Cell structure will be responsible implementation of EMP.

The SEAC observed that the following issues are required to be addressed by the project proponent in order to take further action in the matter: -

- a. Proof of Population criteria taken for its commercial complex is required to be submitted
- b. Source from where water consumption rate (lpcd) has been taken for calculating total water requirement

- c. Whether Rain water will be harvested & used for horticulture and HVAC make up water. Details of Rain water harvesting management is required to be submitted.
- d. Source from where solid waste generation basis (kg/person/day) have been taken for quantifying the total solid waste generation
- e. Details of management of solid waste, e- waste & hazardous waste are required to be submitted
- f. Parking capacity is too less against the proposed population and proposal is required to be submitted for increasing the same.

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

Accordingly, the decision of the SEAC was conveyed to the project proponent vide letter no.357 dated 10.11.2016.

Now, the project proponent has submitted the reply to the observations on 04.01.2017 online.

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

- (i) Sh. D.S. Kochhar, Asst. Exec. Engr. LIC, Divisional Office, Ludhiana of the promoter company.
- (ii) Sh. Rishab, Sh. Venkatesh Prakash, Asst. Manager, GRC India (P) Ltd. Environmental Consultant of the promoter Company.

Sh. D.S. Kochhar submitted the authority letter wherein, he has been authorized by Sh. D.C. Thakur, Senior Divisional Manager, LIC, India to appear in the 155th meeting of SEAC on behalf of project proponent. The same was taken on record by the SEAC.

The SEAC allowed the project proponent to present the reply of the observations raised in the 151st meeting of SEAC. The Environmental Consultant of the promoter company thus presented the reply as under: -

S.No	Observations	Reply
A	Proof of Population criteria taken for its commercial complex is required to be submitted.	Total population of the proposed projects is 7349 including visitors and staffs. The Population criteria has been calculated as per NBC, 2005, Part-4, Table-20, at Page- 27.

B	Source from where water consumption rate (lpcd) has been taken for calculating total water requirement.	<p>Total water requirement for the project will be 392 KLD, out of which Total Domestic water required is 196 KLD, and Water required in HVAC is 182 KLD. The water criteria have been calculated as per NBC-2005, Group-5, PART-9 Plumbing Services, Section-1, Table-1 at Page-19. Detail calculation of population breakup for water is as under:</p> <table><tr><th>S.No</th><th>Description</th><th>Occupancy</th><th>Rate of Water demand</th><th>Total Water requirement (KLD)</th></tr><tr><td>a)</td><td>Staff</td><td>2264</td><td>45</td><td>101.88</td></tr><tr><td>b)</td><td>Visitor (Office/ Showroom)</td><td>4761</td><td>15</td><td>71.415</td></tr><tr><td>c)</td><td>Food Court Visitors</td><td>324</td><td>70</td><td>22.68</td></tr><tr><td>d)</td><td>Horticulture (2525)</td><td>Summer (5.51 lsqm) Winter (1.8 lsqm) Monsoon (0.51 lsqm)</td><td></td><td>14 5 01</td></tr><tr><td>e)</td><td>HVAC</td><td></td><td>182</td><td></td></tr><tr><td colspan="2">Total Water consumption</td><td></td><td>392</td><td></td></tr></table>	S.No	Description	Occupancy	Rate of Water demand	Total Water requirement (KLD)	a)	Staff	2264	45	101.88	b)	Visitor (Office/ Showroom)	4761	15	71.415	c)	Food Court Visitors	324	70	22.68	d)	Horticulture (2525)	Summer (5.51 lsqm) Winter (1.8 lsqm) Monsoon (0.51 lsqm)		14 5 01	e)	HVAC		182		Total Water consumption			392	
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C	Whether Rain water will be harvested & used for horticulture and HVAC make up water. Details of RWH management are required to be submitted.	<p>Pump will be provided near the rain water collection reservoir, so that the storm water will be used for Horticulture and HVAC purpose. Seven rainwater harvesting pits will be provided considering peak hour rainfall as 45mm per hour. Volume of single recharge pit = 28.26 mt<sup>3</sup>. However, total storm water load for different area is as under:</p> <p>a) Rooftop area = 51.25 b) Green area= 2.84 c) Paved area= 50.035</p> <p>Thus, total no. of pits are required five however, seven will be provided.</p>																																			
D	Source from where Solid waste generation bases (kg/person/day) have been taken for quantifying the total solid waste generation.	<p>During the operation phase, waste will comprise domestic as well as agricultural waste. The solid waste generated from the project will be mainly domestic waste and estimated quantity of the waste will be approx. 1,292 kg/day, among it Biodegradable waste will be 775.2 kg/day, Recyclable waste and Non- Biodegradable waste will be 387.6 kg/day and Inert waste will be 129.2 kg/day. Solid waste Management will be done as per SWM rule 2016. (The source from where solid waste generation has been calculated as per Waste Collection, Chapter 3, Table 3.6, Page no. 49, Central Public Health &amp; Environment Engineering Organization (CPHEEO), Ministry of Urban Development,</p>																																			

		(Government of India, May 2000)). The Solid waste Management area of 36.2 sq m is clearly ear marked in the Site Plan.
E	Details of management of Solid waste, e-waste & hazardous waste are required to be submitted.	The Solid waste Management Plan includes Collection, Segregation and Disposal of all three types of Solid waste generated during construction phase as well as operation phase. During construction phase, type of waste such as bricks, concrete, MS Rod, Tiles, Wood etc. will be stored in construction yards. Excavated top soil will be stored in temporary construction soil bank and will be later used for landscaping purposes. There will be refuse containers at site for management of domestic waste generated by the construction laborers and these containers will be emptied at least once daily. During operation phase adequate no. of colored bins (green, blue and dark grey) separate for bio-degradable and non-biodegradable are proposed to be provided at the strategic locations within the site. STP sludge as manure will be used for horticulture purpose. E waste will be managed through CPCB approved vendors. Horticulture waste/ Biodegradable waste will be composted by organic waste converter.
F	Parking Capacity is too less against the proposed population and proposal is required to be submitted for increasing the same.	Parking facilities has been provided as per the prevailing Bye Laws and accordingly drawings have also been approved by the Local Authorities. As we are meeting the MoEF&CC norms and the state bye laws. Approved Plan is enclosed as Annexure. As per MoEF&CC norms, Parking required is 855 ECS and As per Punjab Bye Laws Parking required is 900 ECS. Additional Parking will be provided in future, if Possible.

The SEAC observed that the project proponent has provided adequate and satisfactory clarifications to the observations raised by it. Therefore, the Committee awarded 'Silver Grading' to the project proposal and decided that case be forwarded to SEIAA with the recommendations to grant environmental clearance for establishment of commercial project namely "LIC Complex" having total plot area of the project as 14572.80 sqm and built up area of the Project as 65905.27 sqm. located at at Plot no.1 Old Distt. Court Complex, Distt. Ludhiana being developed subject to the following conditions in addition to the proposed measures:

**PART-A – Conditions common for all the three phases i.e. Pre-Construction**

**Phase, Construction Phase and Operation Phase & Entire Life:**

- (i) Any appeal against this 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.
- (ii) A first aid room will be provided in the project both during construction and operation phase of the project.
- (iii) Construction of the STP, solid waste, e-waste, hazardous waste, storage facilities tubewell, 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.
- (iv) 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.
- (v) Ambient air & noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the Ministry of Environment, Forests & Climate Change guidelines and all the mitigation measures should be taken to bring down the levels within the prescribed standards.
- (vi) 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 project proponents from the competent authorities including Punjab Pollution Control Board and from other statutory bodies as applicable.
- (vii) 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.
- (viii) A proper record showing compliance of all the conditions of environmental clearance shall be maintained and made available at site at all the times.
- (ix) 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 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year.
- (x) 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.

- (xi) 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.
- (xii) 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.
- (xiii) 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 criteria 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.
- (xiv) The inlet and outlet point of natural drain system should be maintained with adequate size of channel for ensuring unrestricted flow of water.
- (xv) The unpaved area shall be more than or equal to 20% of the recreational open spaces.

#### **PART-B – Specific Conditions:**

##### **II. 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 equipments etc. as per National Building Code including protection measures from lightning.
- (iv) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, 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.

##### **III. 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 colour coding of different pipe lines carrying water/wastewater/ treated wastewater as follows:
  - a. Fresh water : Blue
  - b. Untreated wastewater : Black
  - c. Treated wastewater (for reuse) : Green
  - d. Treated wastewater (for discharge) : Yellow
  - 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 covering at least 30 % of roof top area shall be installed for utilizing solar energy. Also, LED lights shall be provided as proposed for illumination of common areas instead of CFL lights.
- (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) Separate wet & dry bins at ground level and for common areas for facilitating segregation of waste, collection centre and mechanical composter shall be provided for proper collection, handling, storage, segregation, treatment and disposal of solid waste.
- (xvi) A rainwater harvesting plan shall be designed where the seven number re-charge bores shall be provided as proposed. 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) 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 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.

## **VI. 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 total fresh water requirement for the project will be 251 KL/day (182 KLD in HVAC, 20 KLD for domestic, 35 KLD in flushing & 14 KLD in horticulture) for summer season, 242 KLD (182 KLD in HVAC, 20 KLD for domestic, 35 KLD in flushing & 5 KLD in horticulture) for winter season & 238 KLD (182 KLD in

HVAC, 20 KLD for domestic, 35 KLD in flushing & 1 KLD in horticulture) for Monsoon season which will be met through GLADA.

- iii) a) The total wastewater generation from the project is 157 KLD, which will be treated in a STP's of capacity 200 KLD (including wet weather flow) to be installed within the project premises. The generation of treated water after STP will be 141 KLD. As proposed, reuse of treated wastewater and fresh water shall be as below:

Season	Reuse for flushing (KLD)
Summer	141
Winter	141
Rainy	141

- 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.
- 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 chute system provided for collection of solid waste. 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 0.3 kg/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. Additional parking should be provided in future, if need arises.
- 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 equipments 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.
- xv) Environmental Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.

### **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 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.
- 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. 54 Lacs towards capital investment and 20.35 lacs as recurring cost.

#### **III. Operation Phase and Entire Life**

- i) 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. 9 lacs/ annum recurring expenditure as proposed in the EMP.

- 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 matter is placed before SEIAA for consideration.

**Item No. 120.23: Application for issuance of TOR under EIA notification dated 14.09.2006 for area development project i.e. Integrated Township namely "Mohali Hills" in the revenue estate of Sector-98, 99, 105, 106, 108, 109 & 110, SAS Nagar (Mohali), Punjab by M/s Emmar MGF Land Private Ltd. (Proposal No. SIA/PB/NCP/17831/2016)**

The facts of the case are as under: -

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

- The total plot area of the project will be 625.35 acre in the revenue estate of Sector-98, 108 & 109, SAS Nagar (Mohali), Punjab. The breakup of area is as Area under park is 42.83 acre, area under facilities 43.20 acre, area under roads is 166 acre, Area under residential (plotted + group housing) is 242.03 acre, area under commercial is 7.01 acre. Thus, the net planned area is 501.07 acre. Area under EWS is 31.27 acre. Area under commercial and mix land use is 49.12 acre, reserved area is 43.89 acre. Thereby, total area becomes 625.35 acre.
- The total built up area of the project will be 861844.852 sqm.
- The total cost of the project including land and development cost is Rs. 2108.286 crore.
- The layout plan of the project has been approved by Department of Town &

➤ The project consists of the following: -

- a) Residential plots i.e. 178 plots in Sector-98, 115 plots in Sector-99, 169 plots in Sector-104, 461 plots in Sector-105, 77 plots in Sector-106, 808 plots in Sector-108, 1375 plots in Sector-109 & 09 plots in Sector-110. The total area under Residential plots is 224.11 acre.
- b) Group Housing in Sector 105 & 109 with area 14.08 acre and 3.84 respectively. The total area of Group housing is 17.92 acre.
- c) Area under Commercial is 0.83 acre in Sector-98, 6.18 acre in Sector-105. The total area is 7.01 acre.
- d) The area under EWS is 2.42 acre in Sector -99, 1.11 acre in Sector-104, 7.57 acre in Sector-109 and 20.17 acre in Sector-110.
- e) Public facilities like Schools, Community Centre, Health Centre, Dispensary, Religious Building, Post Office and Crèche.

➤ The status of construction already carried at the site is as under:

Project Description	<b>PHYSICAL PROGRESS – MOHALI HILLS PROJECT Sector 99, 104, 105, 106, 108 &amp; 109</b>								
<b>Infrastructure Development Works</b>	<ol style="list-style-type: none"> <li>30 no.s houses have been constructed and customers started residing.</li> <li>STP with initial module capacity of 01 lakh liters each in sector 105 &amp; 108 and 10 thousand liters in sector 109 installed.</li> </ol>								
<b>Sectors – Services</b>	<b>Sewerage</b>	<b>Drainage</b>	<b>Water supply</b>	<b>Flushing</b>	<b>Roads</b>	<b>Street lighting</b>	<b>Feeder pillars</b>	<b>UG water tanks</b>	<b>Parks development work</b>
<b>Completion (%age)</b>	90%	90%	90%	90%	90%	85%	85%	100%	80%
<b>The Views Sec. 105 (Multi storey apartments)</b>	<b>Total units – 696 nos.</b> <ol style="list-style-type: none"> <li><b>Tower J (84 units)</b> – Finishing work completed. Occupation certificate received from GMADA. 66 units handed over to customers.</li> <li><b>Tower G (112 units)</b> – Finishing work completed. Occupation certificate received from GMADA. 32 units handed over to customers.</li> <li><b>Tower H (148 units)</b> – Structure work completed.</li> <li><b>Tower K (112 units)</b> – Structure work completed.</li> <li><b>Tower L (136 units)</b> – Structure work completed.</li> <li><b>Tower F (104 units)</b> – Structure work completed.</li> </ol>								
<b>Central Plaza – Sec.105 (Commercial)</b>	<b>Total units – 286 nos.</b> <ol style="list-style-type: none"> <li>Structure/finishing work completed.</li> <li>Occupation certificate received from GMADA.</li> <li>06 units handed over to customers.</li> </ol>								
<b>The Bungalows Sec. 105, 108 &amp; 109 (Single storey unit)</b>	<b>Total units – 68 nos.</b> <ol style="list-style-type: none"> <li>51 units in sector 108 &amp; 109 completed.</li> <li>Structure works for 17 units completed.</li> <li>Occupation certificates received from GMADA for 50 units.</li> <li>14 units handed over to customers.</li> </ol>								

<b>The Villas – Sec. 106, 108 &amp; 109 (Three storey unit)</b>	<b>Total units – 99 nos.</b> <ol style="list-style-type: none"> <li>1. Structure works of 99 units completed.</li> <li>2. Occupation certificates received from GMADA for 57 units.</li> <li>3. 09 units handed over to customers.</li> </ol>
<b>The Terraces Sec. 108 (Independent floors)</b>	<b>Total units – 54 nos.</b> <ol style="list-style-type: none"> <li>1. Structure work of 54 units completed</li> <li>2. Occupation certificate received from GMADA for 48 units.</li> <li>3. 21 units handed over to customers.</li> </ol>

- Total population will be 65,629 persons.
- The total water requirement will be 13,744 KLD which includes fresh water requirement as 10,584 KLD. The total waste water generation will be 11,374 KLD which will be treated in existing three STPs of capacity 100 KLD, 100 KLD, 10 KLD & proposed two STPs of capacity 3.7 MLD & 7.6 MLD.
- The water balance detail for the Sectors 98, 99, 104, 105 & 106 is as under:  
The domestic demand will be 4558 KLD which includes fresh water @3500 KLD. The waste water generated @3646 KLD will be treated in existing STP of capacity 100 KLD and proposed STP of capacity 3.7 MLD. The treated water @3573 KLD will be utilized i.e. in summer season, the project proponent has proposed to utilize 1058 KL/day of treated wastewater for flushing purpose, 419 KLD will be utilized for horticulture purposes & 2096 KLD will be discharged into GMADA sewer. In winter season, 1058 KL/day of treated wastewater for flushing purpose, 137 KLD will be utilized for horticulture purposes & 2378 KLD will be discharged into GMADA sewer. In rainy season, 1058 KL/day of treated wastewater for flushing purpose, 38 KLD will be utilized for horticulture purposes & 2584 KLD will be discharged into GMADA sewer, the wet weather flow @109 KLD has been considered in the rainy season.
- The water balance detail for the Sectors 108, 109 & 110 is as under:  
The domestic demand will be 9186 KLD which includes fresh water @7084 KLD. The waste water generated @7349 KLD will be treated in existing STP of capacity 100 KLD, 10 KLD and proposed STP of capacity 7.6 MLD. The treated water @7202 KLD will be utilized i.e. in summer season, the project proponent has proposed to utilize 2102 KL/day of treated wastewater for flushing purpose, 535 KLD will be utilized for horticulture purposes & 4565 KLD will be discharged into GMADA sewer. In winter season, 2102 KL/day of treated wastewater for flushing purpose, 175 KLD will be utilized for horticulture

purposes & 4925 KLD will be discharged into GMADA sewer. In rainy season, 2102 KL/day of treated wastewater for flushing purpose, 49 KLD will be utilized for horticulture purposes & 5316 KLD will be discharged into GMADA sewer, the wet weather flow @270 KLD has been considered in the rainy season.

- The 8 number of recharging pits in Sector 108, 6 number recharging pits in Sector 109 have already been constructed and 6 number recharging pits in Sector 108 and 8 number recharging pits in Sector 109 have been proposed. Further, 8 number recharging pits have been constructed and 8 number recharging pits have been proposed in Sector 105 to recharge ground water.
- Total power requirement for the project will be 65106 KVA which will be provided by PSPCL. The project proponent has proposed to install 13 nos. of Silent DG sets as a backup with total capacity of 11330 KVA and the breakup is (2x380 + 2x500 + 7x1010 + 2x1250) KVA.
- Solid waste generation from the project will be 28,750 Kg/day.
- The project proponent has submitted the proposed Terms of Reference (TORs).

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

1.	Properly filled Form 1 & pre-feasibility report	Yes
2.	Proof of ownership of land	submitted
3.	CLU status and approved drawing	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

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

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



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

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

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

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

The matter is placed before SEIAA for consideration.

**Item No. 120.24: Application for issuance of TOR under EIA notification dated 14.09.2006 for area development project namely "QuarkCity" at Plot Nos. A-40A & A-45, Focal Point Industrial Area, Phase VIIIB, Mohali, Punjab by M/s. Quarkcity India Private Limited (Proposal No. SIA/PB/NCP/17828/2016)**

The facts of the case are as under: -

Earlier, M/s Quark City India Pvt. Ltd. was granted Environmental Clearance from Ministry of Environment & Forests vide Letter No. J.12011/60/2005-IA (CIE) dated 11th April, 2007 for developing a Project namely "QuarkCity" at Plot Nos. A-40A & A-45, Focal Point Industrial Area, Phase VIIIB, Mohali, Punjab in plot area of 51.3 acres with covered area @102.68 acres. The Project includes world-class Residential, Commercial, Retail and Hotel projects and an IT/ITES. As construction of the project has not yet completed and validity of Environmental Clearance has been expired, thus, a fresh application has been filed for issuance of TOR under EIA notification dated 14.09.2006. The project is covered under category 8 (b) of the Schedule appended to the said notification.

The details of the project are as under: -

- The total site area of the project is 2, 07,603.73 sqm (or 51.30 acres). Comparison between Earlier Environmental Clearance and fresh application is given below:

S.No.	Project Features	Earlier Environmental Clearance	Fresh application
1.	Plot Area	51.30 acres	
2.	Built-up Area	102.68 acres (or 4, 15,531.21 sqm)	7, 47,088.902 sqm

- The latest block wise construction status completed or pending at the site is as under:

S. No.	Block Name	FAR (in sqm)	Status
1.	C1	55,058.961	Constructed Pending
2.	F1 & F1A	11,651.121	Construction completed
3.	F2	19,218.674	Construction completed
4.	F3	72,214.900	Construction completed
5.	F3E	239.650	Construction completed
6.	F4	26,055	Constructed Pending
7.	F7	25,388.768	Construction completed
8.	R1 +R2+R3+ R4+R5	1,51,899.195	Constructed Pending

13.	R7	16,259.721	Construction completed
14.	M1	37,044.663	Constructed Pending
15.	M2	49,538	Constructed Pending
16.	M3	40,000	Constructed Pending

Expansion is with respect to the built-up area as the FAR has been increased to 3. There are minor changes in the orientation of the proposed building blocks i.e. M1, M2, M3, C1& F4.

- The total cost of the project is Rs. 1500 crore.
- Total estimated population will be 77,629 persons.
- During Construction period, a Water demand of 750 KLD (@ 30% of the demand during operation) may be there depending upon phases of construction.
- During operation phase, water supply is being provided from the borewells (6 borewells are existing at site for existing buildings and 6 are proposed for future buildings). The total water requirement will be 2,521 KLD including fresh water requirement @ 1,785 KLD.
- Waste water@ 766 KLD will be generated from the project which will be treated in existing STPs of 800KLD, 100 KLD in F7, 150 KLD in F2 & 48 KLD in R7 capacity based on FAB Technology. While, wastewater generated from basins/sinks will be treated in WWTP of existing 750 KLD, 150 KLD& 32 KLD capacity) and Proposed 500 KLD capacity.
- The project shall have adequate space for parking (i.e. 8,025 ECS).
- Total Power requirement of 30 MW will be required for the whole project which will be provided by Punjab State Power Corporation Limited. Total 3 DG sets of 1650 KVA each have already been provided for back up of existing buildings and 13 DG sets of 1250 KVA each have been proposed for future buildings for emergency purposes.
- The back-up source of 3 DG sets of 1650 KVA each are already provided for back up of existing buildings and 13 DG sets of 1250 KVA each are proposed shall be provided for Standby. DG sets with inbuilt acoustic enclosure have been installed.
- Solar lighting, LED, natural light and ventilation will be used to minimize energy consumption
- Solid waste generation from the project will be 8769 Kg/day. A separate area is

earmarked for segregation of solid waste into Biodegradable or wet; non-biodegradable waste or dry and hazardous waste. The biodegradable waste is being composted by vermin composting. While, mechanical composter has also been proposed for the future buildings. Non-biodegradable waste or dry and hazardous waste will be disposed off as per Solid Waste Management Rules, 2016.

- The verified compliance report of the conditions of earlier granted Environmental Clearance from Northern Regional Office of MoEF & CC has been submitted.
- The online application was filed for obtaining permission from NBWL as City Bird Sanctuary was situated at a distance of 9.20 km from the project. But, as per Gazette Notification of MoEF&CC dated 4th January, 2017 "Central Government has notified an area to an extent varying from 80 to 125 meters from the boundary of the City Bird Sanctuary, UT Chandigarh as the City Bird Sanctuary Eco-Sensitive Zone (hereinafter referred to as the Eco-Sensitive Zone). Thus, NBWL application has become null and void.
- The project proponent has submitted the proposed Terms of Reference (TORs).

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

1.	Properly filled Form 1 & pre-feasibility report	Yes
2.	Proof of ownership of land	submitted
3.	CLU status and approved drawing	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

Sh. Malvinder Singh, Member (SEAC) and Dr. S.S. Viridi Member (SEAC) were requested vide email dated 16.02.2017 to check the latest status of construction at site and submit the report so that further action in the matter can be taken. The site has been visited by SEAC members on 20.02.2017. It has been informed by the visiting members telephonically that visit report is being prepared and will be placed before SEAC during the meeting.

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

- (i) Sh. Rajesh Sharma, Chief Operating Officer of the promoter company.
- (ii) Ms. Priyanka Anand, Manager-EIA, M/s EQMS India Pvt. Ltd., Environment Consultant of the project proponent.

On perusal of visit report received from visiting SEAC Members, the SEAC observed that there is no construction undertaken by the project proponent at the project site however, The buildings which have come up as per the old EC are R7, F1, F3, F2 & F7. The visiting SEAC members categorically stated that the project proponent is complying with conditions of environmental clearance previously granted by MoEF.

The SEAC further observed that total built up area is 7,47,088.902 sqm which is more than 3,00,000 sqm. As per amendment dated 09.12.2016 in Schedule-I of EIA notification dated 14.09.2006, the projects having development area  $\geq 150$  hectare or built up area  $\geq 3$  lacs sqm have been categorized as category A projects and are to be appraised and decided by the MoEF & CC, New Delhi. As such, the competency to appraise and decide the present case lies with MoEF

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

The matter is placed before SEIAA for consideration.

**Item No.120.25: Application for issuance of TOR under EIA notification dated 14.09.2006 for area development project namely "Aerocity Amritsar" in the revenue estate of Village Heir, Meera Kot & Bal, Ajnala Road, Amritsar by M/s Amritsar Development Authority (ADA) u/s Land Owners Become Partners in Development (80:20) Scheme (Proposal No. SIA/PB/NCP/16820/2016)**

The facts of the case are as under: -

M/s Amritsar Development Authority (ADA), an authority constituted under Section 17 of the Punjab Regional and Town Planning and Development Act, 1995, having its office at PUDA Bhawan, Green Avenue, Amritsar, Punjab, which has entered into an agreement with M/s DSK Realtors Pvt Ltd., New Delhi for development of the scheme with land owner as per the Punjab Government Scheme "Land Owners Become Partners in Development" (80:20) policy, framed vide Notification no. 6/23/13-6HG1/1440 dated 19.06.2013. The Authority has applied for issuance of TOR under EIA notification dated 14.09.2006 for area development project namely "Aerocity Amritsar" at Village Heir, Meera Kot & Bal, Ajnala Road, Amritsar, Punjab. The project is covered under category 8 (b) of the Schedule appended to the said notification.

Environmental Engineer, PPCB, RO, Amritsar was requested vide email dated 24.08.2016 to send the latest construction status of the proposed site. Environmental Engineer, PPCB, RO, Amritsar vide its return email dated 24.08.2016 has reported that the site was visited by officer of this office on 24/08/2016 and the proposed site of the residential colony was shown by the representative of colony. The proposed site exists on right hand side of road going from Amritsar to Ajnala. During the visit it was observed that the partial demarcation of the boundary of the colony has been provided. At some places the boundary has been provided with cemented pillars and at some places with brick wall. During the visit it was observed that approximately 01 km long bitumen laid road has been provided inside the colony alongwith street lighting at the centre of this road. No residential plots were under construction during the visit and only old unfinished office of colonizer was observed at the site. As per the representative of the ADA, road was constructed inside the colony more than 7-8 years back, before the acquisition of additional land for the project. There exist two red category industries within 500 mtr radius. One of the boundary of the project touches the Hudiara drain.



The case was placed in the agenda of the 149<sup>th</sup> meeting of SEAC held on 29.08.2016, but when matter came for consideration, the project proponent namely Sh. Jodha Singh, XEN( PH), ADA, Amritsar told that environmental consultant of the promoter company is not available and requested to pass on the item and take it up later on. The SEAC agreed to the request of the project proponent but in the end, the case could not be taken up due to paucity of time.

After deliberation, the SEAC decided to defer the case and be considered in the next meeting.

The case was considered by the SEAC in its 150<sup>th</sup> meeting held on 16.09.2016, which was attended by the following on behalf of project proponent:-

1. Sh. Jodha Singh, XEN (PH), ADA, Amritsar
2. Ms. Priyanka Anand, Manager-EIA, M/s EQMS India Pvt. Ltd., Environment Consultant of the project proponent.

Sh. Jodha Singh XEN, ADA submitted an authority letter dated 26.08.2016 wherein he has been authorized by Sh. Sandeep Rishi, PCS, Chief Administrator, ADA to sign all the documents related to environment clearance in the present meeting as well as future meetings of SEIAA/SEAC on behalf of CA, ADA. Further, Ms. Priyanka Anand submitted an authority letter wherein she has been authorized to present the case on behalf of EQMA India Pvt. Ltd, Environmental Consultant of ADA. The authority letters were taken on record by SEAC.

On perusal of visit report sent by EE, Regional Office, PPCB, Amritsar, the SEAC observed that a road has been provided inside the colony alongwith street lighting at the centre of this road which shows that construction work has been carried out without getting environmental clearance. Therefore, it is a case of violation of the provisions of EIA notification. To this observation of SEAC, the project

proponent submitted a written letter no. 19505 dated 16.09.2016 which reads as under:-

"It is clarified that the approach road to our project has already been constructed by earlier owners i.e.

- a) Sardar Sukhbir Singh, S/o Charanjeet Singh, resident of Batala.
- b) Sh. Kapil Mehra & Sh. Rajeev Bhalla, Partners, Heritage Projects, Amritsar.
- c) In 2008, M/s DSK Realtors purchased the land bearing khasra nos. 24//1, 24//2, 24//3, 24//4, 25//5 vide three sale deeds. Copies of sale deeds have been submitted.
- d) Part of road was 60 ft for which additional land was acquired & change of land use was done to make it 80 ft wide road i.e. 1 k-14 M. Change of land use has already been submitted alongwith application form.
- e) Sajra Plan superimposing our project will be submitted during EIA report preparation."

He further clarified that in the sale deeds, it has been mentioned that 3 kanal land will remain a road/ passage forever. The owners & subsequent buyers if any of the balance land measuring 11 kanal 17 marlas of Khasra nos. 24/1, 2 & 25/5 and adjoining land measuring 11 kanal 3 Marlas bearing khasra nos. 24//3, 24//4 & adjoining land 11 kanal 10 marlas bearing khasra nos. 17//23/1, 23/2, 24 & adjoining land 43 kanal 12 marlas bearing khasra nos 17//5/1, 15/2, 18//1/1, 11/2, 12/1, 12/2, 13/1, 13/2, 13/3, 19, 20/1 ,20/2, will also have right to use this road/passage ( 60 ft/80 ft wide) forever. They shall also have right to lay sewerage pipes under the berm of said road and to use these sewerage pipes. The purchaser of 3 kanal land will not make any boundary wall towards the balance 11 kanal 17 marlas land.

The SEAC observed that the documentary evidence i.e. copies of sale deed prove that it is not a case of violation of EIA notification dated 14.09.2006 as the construction of road was carried out by the earlier owners and not the present applicants. The copies of sale deeds were taken on record by the SEAC. The SEAC further observed that the project proponent has not identified the activities to be carried out during various phases i.e. Pre-construction, construction phase and operation phase which are required to finalize the TOR's. The identified activities may also be used for identifying the environmental impacts & proposing TOR's. The project proponent sought time to submit reply to this observation.



After detailed deliberations, the SEAC decided that the case be deferred till the project proponent attends the aforesaid observation.

Accordingly, the decision of the SEAC was conveyed to the project proponent vide letter no. 3394 dated 26.09.2016. The project proponent submitted the reply online to the aforesaid observations on 04.10.2016 which was annexed as annexure with the agenda of 150<sup>th</sup> meeting of SEAC.

The case was considered by the SEAC in its 151<sup>st</sup> meeting held on 28.10.2016, which was attended by the following on behalf of project proponent: -

1. Sh. Jodha Singh, XEN (PH), ADA, Amritsar
2. Ms. Priyanka Anand, Manager-EIA, M/s EQMS India Pvt. Ltd., Environment Consultant of the project proponent.

The Environment Consultant of the project proponent presented the salient features of the project as under: -

- The total area of the project will be 6, 12,876.17 sq.m. (151.445 acres) in the revenue estate of Village Heir, Meera Kot & Bal, Ajnala Road, Amritsar.
- The project consists of Residential Plots, Convenient Shopping, Commercial Area, Community Center, and Area for Education, Area under Health, etc and cost of the project will be Rs. 35, 879.89 lacs.
- The project has been approved by Department of Town & Country Planning, Punjab vide Drawing No. DTP (A) 05/2015 dated 12.11.2015.
- Total population including residing & floating will be 22,728 persons. The total water requirement will be 4,373 KLD which includes fresh water requirement as 3,382 KLD. The total waste water generation will be 3,498 KLD which will be treated in STP of capacity 3.7 MLD.
- In total 12 number of rain water harvesting pits have been proposed to recharge ground water.
- Total power requirement for the project will be 10386.53 KVA which will be provided by PSPCL.
- Solid waste generation from the project will be 8, 869 Kg/day.
- The project proponent submitted the project activities along with its impacts and proposed TORs during various phases.

The SEAC observed that the project proponent has not proposed the TOR's according to the activities to be carried at the project site. To this query of SEAC, the project proponent requested to issue standard TOR's.

After detailed deliberations in the matter, the SEAC decided to recommend to SEIAA to issue the "Standard Terms of Reference" to the project proponent for preparation of the EIA report. The 'Terms of Reference' will be valid for a period of three years from its issuance. The project proponent should prepare rapid EIA / EMP Report for its project based on above Terms of Reference and submit the same to the SEIAA for its appraisal.

The case was considered by the SEIAA in its 117<sup>th</sup> meeting held on 10.11.2016, which was attended by the following: -

1. Sh. Gurpreet Singh, SDO, ADA, Amritsar
2. Mrs. Priyanka Anand, Manager-EIA, M/s EQMS India Pvt. Ltd., Environment Consultant of the project proponent.

Environmental Consultant of the promoter company presented the salient features of the project before the SEIAA and requested for issuance of ToRs.

The SEIAA looked into the details of the case and was satisfied with the same. Therefore, the Authority decided to accept the recommendations of SEAC and to issue Terms of Reference as proposed by the SEAC and an additional ToR in 'C General' as below. The SEIAA also decided that the project proponent shall submit final EIA / EMP based upon the ToRs for Appraisal of its project.

**Additional TOR in 'C General'**

- 15) "Examine and submit the adequacy of 80 ft wide approach road to the project site from main road especially with regard to permitted land use along the said road as per proposals of Master Plan of the area. The proposed measures should be clearly defined to ensure that traffic flow will not be obstructed, if the commercial establishments / shops etc. are permitted in the Master Plan and come up along the said approach road at any stage".

Accordingly, the Terms of Reference were issued to the project proponent vide letter no. 3612 dated 21.11.2016.

Now, the project proponent has submitted EIA report online on 24.01.2017 based on the earlier issued TORs.

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

- i. Sh. Jodha Singh, XEN (PH), ADA, Amritsar
- ii. Ms. Priyanka Anand, Manager-EIA, M/s EQMS India Pvt. Ltd., Environment Consultant of the project proponent.

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

- The baseline data for the Aerocity, Amritsar was collected and studied from October-2016 to December-2016 and accordingly EIA report was submitted in Feb-2017.
- The total area of the project will be 6, 12,876.17 sq.m. (151.445 acres) in the revenue estate of Village Heir, Meera Kot & Bal, Ajnala Road, Amritsar.
- The project consists of Residential Plots in an area of 63.65 acre, , Commercial Area @2.10 acre, Community Center area @2.53 acre, Area for Education @6 acre, Area under Health @0.5 acre and Road utilities & [pavement @50.36](#) acres, net reserved area @4.49 acres, green area @11.84 acres, STP@0.35 acres, area under ESS@0.79 acres, EWS area @8.40 acre and cost of the project will be Rs. 358 crores.
- The project has been approved by the Department of Town & Country Planning, Punjab vide Drawing No. DTP (A) 05/2015 dated 12.11.2015.
- Total population including residents @21615, commercial @1113 will be 22,728. The total water requirement will be 4,373 KLD which includes fresh water requirement @ 3,382 KLD.
- The fresh water requirement @ 3,382 KLD will be met through tubewell.
- The total wastewater generation from the project will be 3498KLD, which will be treated in an STP of capacity 3.7MLD to be installed at project site including wet weather flow @93 KLD. The treated waste water to be utilized for different purposes after treatment is 3428 KLD. In summer season, the project proponent has proposed to utilize 991 KL/day of treated wastewater for flushing purposes, 264 KLD for horticulture purposes & 2173 KLD will be discharged into ADA Sewer. In winter season, 991 KL/day of treated wastewater will be utilized for flushing purpose, 86 KLD for horticulture & 2351 KLD will be discharged into ADA Sewer. In rainy season, 991 KL/day of treated wastewater for flushing purpose, 24 KLD will be utilized for horticulture & 2504 KLD will be discharged into ADA sewer.
- Total 12 no. of rainwater harvesting pits in addition to the pits in the residential plots will be provided for recharging of ground water.
- The total quantity of solid waste generation will be 869 kg/day. Solid waste will

be collected separately as biodegradable and Non-biodegradable waste as per the MSW Rules, 2016 and the waste will be segregated through chute system and 04 no. of mechanical composter. The non-biodegradable waste & Recyclable waste will be sold to authorized vendors. Inert waste will be sent to Municipal dumping site.

- Total 799 nos. of shrubs and 512 no. of trees will be planted in the 20 no. of parks.
- Total 2700 no. of plants will be planted along the roads.
- Total power requirement for the project will be 10386.53 KVA which will be provided by PSPCL.
- CA, Amritsar Development Authority will be responsible for implementation of EMP till the handing over of the same to Resident Welfare Society. Rs. 531 as capital cost & Rs. 3.5 lacs as recurring cost will be incurred in construction phase. In operation phase, Rs. 10.00 lacs as recurring cost will be incurred for implementation of EMP.
- CA, ADA has proposed to spend Rs. 52.35 crores towards CSR activities and CA, Amritsar Development Authority will be responsible for implementation of the same for five years and after that Resident Welfare Society will be responsible. The list of activities are as under: -
  - a) School upto 12<sup>th</sup> standard over 6 acres of land- Rs.8.25 crore.
  - b) Development of community center over 2.53 acres of area- Rs. 3.60 crore
  - c) Development of EWS flats on no profit no loss basis –Rs. 40 crore
  - d) Health services over 0.5 acre- Rs. 0.5 crore
- The environmental impacts, its evaluation and remedial measures have been given on next page.

SI. NO.	ENVIRONMENTAL COMPONENTS	POTENTIAL IMPACTS	POTENTIAL SOURCE OF IMPACT	CONTROLS THROUGH EMP & DESIGN	IMPACT EVALUATION	REMEDIAL MEASURES
1.	Ground Water Quantity	Ground Water Depletion	Construction Phase Wastewater generated from temporary labor hutments. (Water requirement for about 200 workers @ 45 lpcd for floating and @200 lpcd for residential labors (150X45 lpcd + 50X200 lpcd) will be 17KLD; Sewage Generated @ 80% will be 14KLD.	No surface accumulation will be allowed. Wastewater generated during construction phase from the labor hutments will be managed in the mobile toilets connected to Mobile STP.	Impact will be temporary as the construction phase will be remaining for two years only. Water requirement during construction phase will be 17 KLD only. Previously the land was agricultural land and the irrigation demand was fulfilled by ground water. Thus, lot of ground water will be saved during the construction phase.	14 KLD waste water generated during construction phase will be used for dust suppression and green belt maintenance.
			Operation Phase Discharge from the project: The water demand for the project is 4,373 KLD. Wastewater @ 80% of water requirement 3,591 KLD will be generated. A STP of 3.7 MLD based on SBR technology will be Installed at the site.	This water will be met through tubewells.	Impact will be minimal as the wastewater generated will be 3591 KLD and the same will be used for flushing 991 KLD & 24 KLD for irrigation in Monsoon and remaining will be discharged to ADA sewer.	Rain water (run off 462.75 cu.m. excluding recharging of plots) will be recharged through recharge pits. Wastewater will be used in Flushing & for irrigational purposes.
2.	Ground Water Quality	Ground Water Contamination	Construction Phase: No use of ground water for construction	STP treated water will be used for construction purposes. There will be condition in Allotment Letter to use only treated water for construction.	Impact will be temporary on the ground water quality because of the discharge of domestic sewage.	It will be assured that the waste water is treated in mobile toilets connected to Mobile STP.

		Discharge of sewer to green area	Operation Phase The source of water during operation phase is tubewell. The water demand for the project is 3382 KLD.	Proponent will provide STP of 3.7 MLD to treat the waste water generated from the project. Utilization of treated water for Flushing & irrigation.	Impact will be marginal on the ground water. As wastewater will be treated in STP based on SBR technology by achieving the specific discharge parameters of COD & BOD and that will not deteriorate	No stagnation will be allowed as excess water will be discharged to ADA sewer.
3.	Surface Water Quality	Surface water contamination	<u>Construction &amp; Operation Phase</u> No surface water will be used during construction & operation phase.	Silt traps and other measures such as additional onsite diversion ditches will be constructed to control surface run-off during site development.	Impact will be nil.	
4.	Air Quality	Dust Emissions	<u>Construction Phase</u> Development work will involve construction of roads, landscaping, external lighting and plumbing	Dust generation from construction phase will be suppressed through sprinkling and wind barriers.  Vehicles will be covered properly while their movement.	Impact will be temporary as dust generation will be temporary and will settle fast due to dust suppression techniques.	During construction phase, the contractors will be advised to facilitate masks for the labors.
			<u>Operation Phase</u> Emissions from DG Set during power failure	Use of low sulphur diesel Providing Footpath and pedestrian ways within the site for the residents  Green belt with high canopy trees will be developed with specific species to help to reduce PM <sub>2.5</sub> & PM <sub>10</sub> level	Impact will be minimum as the DG sets will be used as back up only and provided with proper stack heights. The trees will be provided alongside the roads which will	Stack height of DG set as per standards norms.

5.	Noise Environment	Noise Generation	<p><u>Construction Phase</u> Noise from construction activities.</p> <p>Noise from DG set (2 DG sets of 50 kVA each).</p>	No construction activity to be taken up at night to avoid any noise pollution. Provision of noise shields near the heavy construction operations and construction activity will be limited to	Impact will be temporary.	Acoustic enclosure will be provided with the silent DG sets
			<p><u>Operation Phase</u> Noise from vehicular movement</p> <p>Noise from DG set</p>	<p>Green Belt Development.</p> <p>Evergreen broad leaved trees will be planted in a tightly-spaced row as their broad-leaves, thick foliage and branches will act as curtains against noise.</p> <p>Development of silence zones to check</p>	Impact will be minimum due to suitable width of Greenbelt.	Green belt over 11.84 acres of green area and silent DG sets with inbuilt acoustic enclosure.
6.	Land Environment	Soil contamination	<p><u>Construction Phase</u> Disposal of construction debris as per Construction and Demolition Waste Management Rules, 2016.</p>	Construction debris will be collected and suitably use on site for the roads.	Impact will be temporary as the 100% land cut will be used for the filling purposes within the project premises. No soil	
			<p><u>Operation Phase</u> Generation of municipal solid waste: During operation phase, about 8.8 MT/day of solid waste shall be generated (@ 0.4 kg/cap/day for residential population &amp; @ 0.2 kg/cap/day for floating population) from the Project site.</p>	The solid waste will be segregated into biodegradable and non-biodegradable waste. The recyclable inorganic waste will be sold to local resellers. Separate area is earmarked for handling of solid waste. Biodegradable waste shall be recycled by using mechanical composter.	Impact will be positive. Compost will be used within the premises for green area development and excess will be given to nearby farmers after proper testing for using as manure. No soil contamination.	

7.	Biological Environment (Flora and Fauna)	Displacement of Flora and Fauna on site	<u>Construction Phase</u> No tree Cutting.	In addition, 512 Trees, 799 shrubs & 2,700 plants will be planted and the same will increase the chances of development & emigration of fauna.	Impact will be positive.	-
			<u>Operation Phase</u> Increase in green area and trees	11.84 acres/ 47,914.78 sqm. of green area including green belt will be provided within the project site which will enhance the beauty.	Impact will be positive. Aesthetic beauty of the area will be increased	-
8.	Socio-Economic Environment		<u>Construction Phase</u>	Employment for local labour during construction phase.	Impact will be positive.	-
			<u>Operation Phase</u> Site operation	Project will provide employment opportunities to the local people in terms of labor i.e. service personnel (guards, securities, gardeners etc.) during operation phase.	Impact will be positive. Overall development of the area from rural to urban shift.	-



9.	Traffic Pattern	Increase of vehicular traffic	<u>Construction Phase</u> Heavy Vehicular movement during construction: Transportation of construction Material to be done by 15vehicles. Machinery involved: Excavator cum loader, road rollers, motor grader, tractor trolley, Tandon Roller, Vibratory roller, Static roller, Tippers, Water tankers, paver, bitumen	Heavy Vehicular movement will be restricted to daytime only and adequate parking facility will be provided for the visitors during construction phase.	Impact will be minimum.	Most of the movement will be done during non- peak hours. Also, the LOS of the connecting road is very good as per traffic study.
			<u>Operation Phase</u> Traffic due to residents once the project is operational.	Vehicular movement will be regulated inside the project with adequate road and parking area developed by the individual plot developers	Impact will be minimum as per the traffic study.	

The SEAC observed that the project proponent has not mentioned anything about the wind rose diagram, ambient air monitoring results, soil monitoring results, noise monitoring results and ground water and surface water monitoring results. To these queries of SEAC, the project proponent submitted the reply point-wise as under: -

- a) Submitted copy of wind rose diagram for the data period from 01.10.2016 to 31.12.2016.
- b) Submitted that in air analysis, all parameters as indicated in NAAQS 2009 are within prescribed standards except PM<sub>10</sub> which is coming out to be 137.0-201.1µg/m<sup>3</sup>. It was due to Diwali festival. However, green belt will be provided all along the boundary to mitigate air pollution.
- c) Submitted that soil analysis indicates that soil is sandy clay loam. The bearing capacity of the soil is such that it is structurally good enough to sustain construction activities.
- d) Submitted that noise analysis has been done at all corners of the project site as well as at the center of project site and the results are within the prescribed standards. During the construction activities, noise levels may exceed the desired limits for which PPEs will be provided to all the construction labors for mitigating the noise pollution. No construction will be done at the night. During the operation phase, Green Belt all along the boundary wall as well as herbs/shrubs will be provided in parks which will help reducing noise pollution. DG sets will be ensured to be in acoustic enclosure.
- e) Submitted that water analysis indicates that results are within the standards except TDS, hardness and calcium which are marginally higher in some samples. Thus it has been proposed to dig a deep borewell at around 500 feet for domestic water supply which will provide portable water. Also, disinfected water will be supplied which will be further treated by individual plot owners by providing domestic RO/Filters.

The copies of air monitoring results, soil analysis results, noise monitoring results, ground & surface water monitoring results alongwith their locations marked on layout plan were taken on record by the SEAC in the copy of revised presentation and its locations marked on layout map submitted by the project

proponent.

The SEAC observed that the project proponent has provided adequate and satisfactory clarifications to the observations raised by it. Therefore, the Committee awarded 'Silver Grading' to the project proposal and decided that case be forwarded to SEIAA with the recommendations to grant environmental clearance for area development project namely "Aerocity Amritsar" having total plot area of the project as 151.445 acres in the revenue estate of Village Heir, Meera Kot & Bal, Ajnala Road, Amritsar subject to the following conditions in addition to the proposed measures:

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

- (i) Any appeal against this 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.
- (ii) A first aid room will be provided in the project both during construction and operation phase of the project.
- (iii) Construction of the STP, solid waste, e-waste, hazardous waste, storage facilities tubewell, 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.
- (iv) 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.
- (v) Ambient air & noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the Ministry of Environment, Forests & Climate Change guidelines and all the mitigation measures should be taken to bring down the levels within the prescribed standards.
- (vi) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, and Civil Aviation Department etc. shall be obtained, by the project proponent from the competent authorities including Punjab Pollution Control Board and from other statutory bodies as applicable.
- (vii) 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.
- (viii) A proper record showing compliance of all the conditions of environmental clearance shall be maintained and made available at site at all the times.
- (ix) 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 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year.

- (x) 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.
- (xi) 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.
- (xii) 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.
- (xiii) 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 criteria 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.
- (xiv) The inlet and outlet point of natural drain system should be maintained with adequate size of channel for ensuring unrestricted flow of water.
- (xv) The unpaved area shall be more than or equal to 20% of the recreational open spaces.
- (xvi) The project proponent shall comply with the provisions of Construction and Demolition Waste Rules, 2016.

#### **PART-B – Specific Conditions:**

#### **III. 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 fire fighting equipments etc. as per National Building Code including protection measures from lightning.
- (iv) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, 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.

#### **IV. 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 colour coding of different pipe lines carrying water/wastewater/ treated wastewater as follows:
 

f. Fresh water	:	Blue
g. Untreated wastewater	:	Black
h. Treated wastewater (for reuse)	:	Green
i. Treated wastewater (for discharge)	:	Yellow
e. Storm water	:	Orange
  - (xi) GMADA shall ensure that each individual plot allottee adopts the dual plumbing system and a condition shall be imposed in this regard in the allotment letter.
  - (xii) 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.
  - (xiii) Separation of drinking water supply and treated sewage supply should be done by the use of different colors.
  - (xiv) **(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 shall be installed for utilizing solar energy. Also, LED

lights shall be provided as proposed for illumination of common areas instead of CFL lights.

- (xv) 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.
- (xvi) 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 Municipal Solid Waste (Management and Handling) Rules, 2016.
- (xvii) The project proponent shall provide 12 rainwater harvesting pits at site as proposed and further rainwater harvesting pits shall also be provided by individual plot owners having plot area 400 sq. yard or more. Installation of these harvesting pits shall be ensured by ADA and a condition in this regard shall be imposed in the plot allotment letter.
- (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 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.

## **VII. 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 total water requirement for the project will be 4373 KLD, out of which fresh water requirement is 3382 which will be met through tubewell.
- iii) a) The total wastewater generation from the project will be 3498 KLD, which will be treated in an STP of capacity 3.7 MLD to be installed at project site including wet weather flow @93 KLD. The generation of treated water after STP will be 3428 KLD. As proposed, reuse of treated wastewater and fresh water shall be as below:

Season	Reuse for flushing (KLD)	For horticulture purpose (KLD)	Discharge into ADA sewer( KLD)
Summer	991	264	2173
Winter	991	86	2351
Rainy	991	24	2504

- 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 onto land for plantation to be developed as per Karnal Technology/ 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.
  - viii) The facilities provided for collection, segregation, handling, on site storage & processing of solid waste, 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) The project proponent shall comply with the provisions of Municipal Solid Waste (Management and Handling) Rules, 2016.
  - x) Hazardous waste/E-waste should be disposed off as per Rules applicable and with the necessary approval of the Punjab Pollution Control Board.
  - xi) 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.
  - xii) The ADA shall ensure the compliance of all the conditions of allotment letter before issuing completion certificate and allowing occupancy to individual household owners.
  - xiii) 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.
  - xiv) Solar power plant and other solar energy related equipments shall be operated and maintained properly.
  - xv) 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.
  - xvi) Environmental Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.

#### **PARTC – General Conditions :**

##### **I. Pre-Construction Phase**

- v) 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.

- vi) 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.
- vii) 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.
- viii) The project proponent shall obtain CLU from the competent authority.
- ix) 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. 531 Lacs towards capital investment and 3.5 lacs as recurring cost. The CA, ADA shall adhere to the commitments made in the proposal for CSR activities and shall spend a minimum amount of Rs. 52.35 crores as proposed.

## **III. Operation Phase and Entire Life**

- i) 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. 10 lacs/ annum recurring expenditure as proposed in the EMP.
- ii) The CA, ADA shall adhere to the commitments made in the proposal for CSR activities and shall spend a minimum amount of Rs. 52.35 crores as proposed. The list of activities are as under: -
  - a) School upto 12<sup>th</sup> standard over 6 acres of land- Rs.8.25 crore.
  - b) Development of community center over 2.53 acres of area- Rs. 3.60 crore
  - c) Development of EWS flats on no profit no loss basis –Rs. 40 crore
  - d) Health services over 0.5 acre- Rs. 0.5 crore



- iii) 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 matter is placed before SEIAA for consideration.

**Item No.120.26: Regarding extension in the validity of environmental clearance granted under EIA notification dated 14.09.2006 to General Manager-cum-Mining Officer, Jalandhar for mining of minor minerals in the revenue estate of Village Dhagara, Tehsil Phillaur, District Jalandhar transferred in the name of Sh. Salwinder Singh S/o Sh. Ajaib Singh, Village Ghudu Walla PO Makhu, Tehsil Zira, Distt. Ferozepur**

The facts of the case are as under:

The General Manager-Cum-Mining Officer, Jalandhar, was granted environmental clearance under EIA notification dated 14.09.2006 vide no. 2822 dated 06.07.2012 for mining of 2,58,120 Ton/annum of minor minerals in an area of 28.68 hectares from the bed of river Sutlej in the revenue estate of Village Dhagara, Tehsil Phillaur, District Jalandhar, subject to certain conditions including the following condition:

"The Mining Officer may apply for transfer of environmental clearance under EIA notification dated 14.09.2006 to the contractor/lessor finalized by the Department of Industries & Commerce to SEIAA, Punjab. However, no activity shall be undertaken by the lessor/contractor till the environmental clearance is transferred in his name and he is lawfully bound to comply with the conditions of the environmental clearance".

Earlier, the said environmental clearance was transferred vide letter no SEIAA/M.S/2013/493 dated 07/02/2013 in the name of Sh. Barinder Singh Dhillon S/o Sh. Ranjit Singh, House No. 1442, Sector-34-C, Chandigarh with same 'Terms & Conditions' for a period of two years w.e.f. date of its transfer on the request of General Manager- Cum-Mining Officer, Jalandhar.

The General Manager- Cum-Mining Officer, Jalandhar vide letter no. 4825 dated 11.12.2015 had informed that contract for mining of 2,58,120 Ton/annum of minor minerals in an area of 28.68 hectares from the bed of river Sutlej in the revenue estate of Village Dhagara, Tehsil Phillaur, District Jalandhar awarded to Sh. Barinder Singh Dhillon S/o Sh. Ranjit Singh, House No. 1442, Sector-34-C, Chandigarh, has already been expired on 28.02.2015. Therefore, the said quarry has been re-auctioned by the State Govt. through on line E-auction dated 30.11.2015 and Lottery system and allotted to Sh. Salwinder Singh S/o Sh. Ajaib Singh, Village Ghudu Walla PO Makhu, Tehsil Zira, Distt. Ferozepur. The General Manager- Cum-Mining

Officer, Jalandhar has requested to re-transfer the said environmental clearance in the name of Sh. Salwinder Singh S/o Sh. Ajaib Singh, Village Ghudu Walla PO Makhu, Tehsil Zira, Distt. Ferozepur with same 'Terms & Conditions' for the remaining period of the Environmental Clearance. The General Manager-cum-Mining Officer, Jalandhar has also informed that their department has no objection for transfer of the said environmental clearance in the name of the above named person. The GMDIC, Jalandhar has submitted the following documents alongwith the request:

- (i) Copy of letter no. G.L.G/G-1/1085/2015/10042-B dated 8.12.2015 issued by Director Mining, Industries & Commerce, Punjab to GMDIC Jalandhar, wherein, it has mentioned that the bid of Sh. Salwinder Singh S/o Sh. Ajaib Singh R/o Vill Gudhuwala PO Makhu, Tehsil Zira, Distt. Ferozepur has been approved with certain conditions.
- (ii) Copy of letter no. 4936 dated 14.12.2015 issued by General Manager - cum - Mining officer, Distt. Industrial Centre, Jalandhar where in it has been mentioned that validity of the contract is on the basis of the validity of the environmental clearance.
- (iii) Self declaration by Sh. Salwinder Singh S/o Sh. Ajaib Singh R/o Vill Gudhuwala PO Makhu, Tehsil Zira, Distt. Ferozepur to the effect that he is successful bidder of e-auction as an individual for a quarry of Vill. Gagg Dhagara, Tehsil: Nurmahal, distt. Jalandhar, Punjab in 20.22 hectare and he will comply with the conditions of environmental clearance.

The case was considered by the SEIAA in its 100<sup>th</sup> meeting held on 28.12.2015, which was attended by the following:

- i. Sh. Amarjit Singh, GMDIC, Jalandhar.
- ii. Sh. Salwinder Singh S/o Sh. Ajaib Singh R/o Vill Gudhuwala PO Makhu, Tehsil Zira, Distt. Ferozepur.

During the meeting, the GMDIC, Jalandhar submitted a copy of the self certified compliance status of the conditions of environmental clearance, which was taken on record by SEIAA.

GMDIC-cum-Mining Officer, Jalandhar submitted a copy of Endst. no. 4818 dated 09.12.2015 vide which letter No. 10042-B dated 08.12.2015 of Director Mining, Punjab has been endorsed to M/s KBM Contractors, wherein, it has mentioned that the quarry has been allotted to M/s KBM Contractors. He also submitted the copy of partnership deed of the firm M/s KBM Contractors, which was taken on record by the SEIAA.

The SEIAA observed that as per EIA notification dated 14.09.2006, the environmental clearance granted for a specific project or activity to an applicant can be transferred during its validity to another legal person entitled to undertake the project or activity on application by the transferor, or by the transferee with a written "no objection" by the transferor, to, and by the regulatory authority concerned, on the same terms and conditions under which the prior environmental clearance was initially granted, and for the same validity period. No reference to the State Level Expert Appraisal Committee concerned is necessary in such cases.

In compliance to said provision of the EIA notification dated 14.09.2006, the SEIAA decided to transfer the environmental clearance granted to the General Manager- Cum-Mining Officer, Jalandhar vide no. 2822 dated 06.07.2012 for mining of 2,58,120 Ton/annum of minor minerals in an area of 28.68 hectares from the bed of river Sutlej in the revenue estate of Village Dhagara, Tehsil Phillaur, District Jalandhar, in the name of contractor Sh. Salwinder Singh S/o Sh. Ajaib Singh R/o Vill Gudhuwala PO Makhu, Tehsil Zira, Distt. Ferozepur for the remaining period of environmental clearance i.e. upto 05.07.2017, subject to the same conditions as mentioned in the environmental clearance issued vide letter no. 2822 dated 06.07.2012.

Accordingly, the said environmental clearance was transferred vide letter no SEIAA/M.S/2016/86 dated 04/01/2016 in the name of contractor Sh. Salwinder Singh S/o Sh. Ajaib Singh R/o Vill Gudhuwala PO Makhu, Tehsil Zira, Distt. Ferozepur for the remaining period of environmental clearance i.e. upto 05.07.2017, subject to the same conditions as mentioned in the environmental clearance issued vide letter no. 2822 dated 06.07.2012.

Now, the General Manager- Cum-Mining Officer, Jalandhar vide memo no. 444 dated 13.02.2017 has informed that environmental clearance was granted under EIA notification dated 14.09.2006 vide no. 2822 dated 06.07.2012 for mining of 2,58,120 Ton/annum of minor minerals in an area of 28.68 hectares from the bed of river Sutlej in the revenue estate of Village Dhagara, Tehsil Phillaur, District Jalandhar, subject to certain conditions which is valid for a period of 5 years i.e. upto 05.07.2017. The aforesaid environmental clearance was transferred vide letter no SEIAA/M.S/2016/86 dated 04/01/2016 in the name of contractor Sh. Salwinder Singh S/o Sh. Ajaib Singh R/o Vill Gudhuwala PO Makhu, Tehsil Zira, Distt. Ferozepur for

the remaining period of environmental clearance i.e. upto 05.07.2017, subject to the same conditions as mentioned in the environmental clearance issued vide letter no. 2822 dated 06.07.2012.

Further, GMDIC submitted that as per the condition no. (i) of the office memorandum F.No. 22-27/2015-IA-III, GOI, Ministry of Environment, Forest and Climate Change (IA Division) dated 12.04.2016, the Environment Clearance of the project which had not completed five (5) years on the date of publication of Notification i.e. 29.04.2015, there validity will stand automatically extended to seven (7) years. He also requested to amend the EC validity till 05.07.2019 and transfer the same in the name of Sh. Salwinder Singh S/o Sh. Ajaib Singh R/o Village Ghudu Walia PO Makhu, Tehsil Zira, Distt. Ferozepur, Mohali, Punjab, India. The GMDIC, Jalandhar has submitted the following documents along with the request:

- i. Copy of environment clearance granted under EIA notification dated 14.09.2006 vide no. 2822 dated 06.07.2012 to the GMDIC, Jalandhar.
- ii. Copy of environmental clearance transferred vide letter no SEIAA/M.S/2016/86 dated 04/01/2016 in the name of contractor Sh. Salwinder Singh S/o Sh. Ajaib Singh R/o Vill Gudhuwala PO Makhu, Tehsil Zira, Distt. Ferozepur for the remaining period of environmental clearance i.e. upto 05.07.2017.
- iii. Copy of letter no. 276 dated 22.01.2016 issued by General Manager - cum - Mining officer, Distt. Industrial Centre, Jalandhar to contractor Sh. Salwinder Singh S/o Sh. Ajaib Singh R/o Vill Gudhuwala PO Makhu, Tehsil Zira, Distt. Ferozepur where in it has been mentioned that validity of the contract will be for 5 years (22.01.2016 to 21.01.2021) or validity of the environmental clearance, whichever is earlier.
- iv. Copy of the OM no. F.No. 22-27/2015-IA-III dated 12.04.2016 issued by Ministry of Environment, Forest and Climate change (IA Division).
- v. Self-declaration by Sh. Salwinder Singh S/o Sh. Ajaib Singh R/o Vill Gudhuwala PO Makhu, Tehsil Zira, Distt. Ferozepur to the effect that he will implement the mining operation at the project site as mentioned in the Environment Clearance granted for mining of Minor Minerals in an area of 28.68 hectares in the revenue estate of Village Dhagara, Tehsil Phillaur, District Jalandhar, Punjab according to the conditions mentioned in the Environment Clearance granted for the project and extensions thereof.

The matter is placed before SEIAA for consideration.

**Item No.120.27: Regarding extension in the validity of environmental clearance granted under EIA notification dated 14.09.2006 to General Manager-cum-Mining Officer, Jalandhar for mining of minor minerals in the revenue estate of Village Sangowal, Tehsil Phillaur, District Jalandhar transferred in the name of Sh. Kanwarmahip Singh S/o Sh. Bhupinder Singh, R/o 1165, Sector-69, Mohali.**

The facts of the case are as under: -

The General Manager-Cum-Mining Officer, Jalandhar, was granted environmental clearance under EIA notification dated 14.09.2006 vide no. 2855 dated 06.07.2012 for mining of 1,76,400 Ton/annum of minor minerals from river Sutlej in an area of 19.06 hectares in the revenue estate of Village Sangowal, Tehsil Phillaur, District Jalandhar, subject to certain conditions including the following condition:

"The Mining Officer may apply for transfer of environmental clearance under EIA notification dated 14.09.2006 to the contractor/lessor finalized by the Department of Industries & Commerce to SEIAA, Punjab. However, no activity shall be undertaken by the lessor/contractor till the environmental clearance is transferred in his name and he is lawfully bound to comply with the conditions of the environmental clearance".

The General Manager- Cum-Mining Officer, Jalandhar vide letter no. 4930 dated 14.12.2015 had informed that the said quarry has been auctioned by the State Govt. through on line E-auction dated 30.11.2015 and Lottery system and allotted to Sh. Kanwarmahip Singh S/o Sh. Bhupinder Singh, R/o 1165, Sector-69, Mohali. The General Manager- Cum-Mining Officer, Jalandhar has requested to transfer the said environmental clearance in the name of Sh. Kanwarmahip Singh S/o Sh. Bhupinder Singh, R/o 1165, Sector-69, Mohali with same 'Terms & Conditions' for the remaining period of the Environmental Clearance. The General Manager-cum-Mining Officer, Jalandhar has also informed that their department has no objection for transfer of the said environmental clearance in the name of the above named person. The GMDIC, Jalandhar has submitted the following documents along with the request:

- (i) Copy of letter no. G.L.G/G-1/1085/2015/10041-B dated 8.12.2015 issued by Director Mining, Industries & Commerce, Punjab to GMDIC Jalandhar, wherein, it has mentioned that the bid of Sh. Kanwarmahip Singh S/o Sh. Bhupinder Singh, R/o 1165, Sector-69, Mohali, has been approved with certain conditions.

- (ii) Copy of letter no. 4930 dated 14.12.2015 issued by General Manager - cum - Mining officer, Distt. Industrial Centre, Jalandhar where in it has been mentioned that validity of the contract is on the basis of the validity of the environmental clearance.
- (iii) Self declaration by Sh. Kanwarmahip Singh S/o Sh. Bhupinder Singh, R/o 1165, Sector-69, Mohali to the effect that quarry of vill. Sangowal, Tehsil: Phillaur, Distt. Jalandhar, has been allotted to him by the Govt. of Punjab. He is sole proprietor of the quarry and will comply with the conditions of environmental clearance.

The case was considered by the SEIAA in its 100<sup>th</sup> meeting held on 28.12.2015, which was attended by the following:

- i. Sh. Amarjit Singh, GMDIC, Jalandhar.
- ii. Sh. Kanwarmahip Singh S/o Sh. Bhupinder Singh, R/o 1165, Sector-69, Mohali

GMDIC-cum-Mining Officer, Jalandhar submitted a copy of Endst. no. 4817 dated 09.12.2015 vide which letter No. 10041-B dated 08.12.2015 of Director Mining, Punjab has been endorsed to Sh. Kanwarmahip Singh S/o Sh. Bhupinder Singh, R/o 1165, Sector-69, Mohali, wherein, it has mentioned that the quarry has been allotted to Sh. Kanwarmahip Singh.

The SEIAA observed that as per EIA notification dated 14.09.2006, the environmental clearance granted for a specific project or activity to an applicant can be transferred during its validity to another legal person entitled to undertake the project or activity on application by the transferor, or by the transferee with a written "no objection" by the transferor, to, and by the regulatory authority concerned, on the same terms and conditions under which the prior environmental clearance was initially granted, and for the same validity period. No reference to the State Level Expert Appraisal Committee concerned is necessary in such cases.

In compliance to said provision of the EIA notification dated 14.09.2006, the SEIAA decided to transfer the environmental clearance granted to the General Manager- Cum-Mining Officer, Jalandhar vide no. 2855 dated 06.07.2012 for mining of 1,76,400 Ton/annum of minor minerals from river Sutlej in an area of 19.06 hectares in the revenue estate of Village Sangowal, Tehsil Phillaur, District Jalandhar, in the name of contractor Sh. Kanwarmahip Singh S/o Sh. Bhupinder Singh, R/o 1165, Sector-69, Mohali for a period upto 05.07.2017 (validity period of the environmental

clearance) subject to the same conditions as mentioned in the environmental clearance issued vide letter no. 2855 dated 06.07.2012.

Accordingly, the said environmental clearance was transferred vide letter no SEIAA/M.S/2016/68 dated 04/01/2016 in the name of Sh. Kanwarmahip Singh S/o Sh. Bhupinder Singh, R/o 1165, Sector-69, Mohali for the remaining period of environmental clearance i.e. upto 05.07.2017, subject to the same conditions as mentioned in the environmental clearance issued vide letter no. 2855 dated 06.07.2012.

Now, the General Manager- Cum-Mining Officer, Jalandhar vide memo no. 705 dated 07.03.2017 has informed that environmental clearance was granted under EIA notification dated 14.09.2006 vide no. 2855 dated 06.07.2012 for mining of 1,76,400 Ton/annum of minor minerals from river Sutlej in an area of 19.06 hectares in the revenue estate of Village Sangowal, Tehsil Phillaur, District Jalandhar, subject to certain conditions which is valid for a period of 5 years i.e. upto 05.07.2017. The aforesaid environmental clearance was transferred vide letter no SEIAA/M.S/2016/68 dated 04/01/2016 in the name of contractor Sh. Kanwarmahip Singh S/o Sh. Bhupinder Singh, R/o 1165, Sector-69, Mohali for the remaining period of environmental clearance i.e. upto 05.07.2017, subject to the same conditions as mentioned in the environmental clearance issued vide letter no. 2855 dated 06.07.2012.

Further, GMDIC submitted that as per the condition no. (i) of the office memorandum F.No. 22-27/2015-IA-III, GOI, Ministry of Environment, Forest and Climate Change (IA Division) dated 12.04.2016, the Environment Clearance of the project which had not completed five (5) years on the date of publication of Notification i.e. 29.04.2015, there validity will stand automatically extended to seven (7) years. He also requested to amend the EC validity till 05.07.2019 and transfer the same in the name of Sh. Kanwarmahip Singh S/o Sh. Bhupinder Singh, R/o 1165, Sector-69, Mohali. The GMDIC, Jalandhar has submitted the following documents along with the request:

- i. Copy of environment clearance granted under EIA notification dated 14.09.2006 vide no. 2855 dated 06.07.2012 to the GMDIC, Jalandhar.
- ii. Copy of environmental clearance transferred vide letter no SEIAA/M.S/2016/68 dated 04/01/2016 in the name of contractor Sh. Kanwarmahip Singh S/o Sh. Bhupinder Singh, R/o 1165, Sector-69, Mohali for the remaining period of environmental clearance i.e. upto 05.07.2017.



- iii. Copy of memo no. 595 dated 11.02.2016 issued by General Manager - cum - Mining officer, Distt. Industrial Centre, Jalandhar to contractor Sh. Kanwarmahip Singh S/o Sh. Bhupinder Singh, R/o 1165, Sector-69, Mohali vide which final approval regarding allotment of mining site Sangowal through E-Auction Notification dated 10.11.2015, has been issued.
- iv. Copy of the OM no. F.No. 22-27/2015-IA-III dated 12.04.2016 issued by Ministry of Environment, Forest and Climate change (IA Division).
- v. Self-declaration by Sh. Kanwarmahip Singh S/o Sh. Bhupinder Singh, R/o 1165, Sector-69, Mohali to the effect that he will implement the mining operation at the project site as mentioned in the Environment Clearance granted for mining of Minor Minerals in an area of 19.06 hectares in the revenue estate of Village Sangowal, Tehsil Phillaur, District Jalandhar, Punjab according to the conditions mentioned in the Environment Clearance granted for the project and extensions thereof.

The matter is placed before SEIAA for consideration.

**Item No: 120.28    Regarding extension in the validity of environmental clearance granted under EIA notification dated 14.09.2006 to General Manager-cum-Mining Officer, Ludhiana for mining of 5,57,000 Ton/annum of minor minerals in an area of 42.24 hectares from the bed of river Sutlej in the revenue estate of Village Parchian Biharipur, Tehsil & District Ludhiana transferred in the name of M/s KBM Contractor, 335-L, Model Town, Ludhiana.**

The facts of the case are as under: -

- Environmental clearance (EC) was granted by the SEIAA on 26.06.2012 to G.M. Ludhiana and on 07.02.2013 transferred in the name of Sh. Puneet Singh S/o Sh. Kuldeep Singh, House No. 71, Sector-5, Chandigarh for mining of 5,57,000 Ton/annum of minor minerals in an area of 42.24 hectares from the bed of river Sutlej in the revenue estate of Village Parchian Biharipur, Tehsil & District Ludhiana, subject to certain conditions with excavators having bucket capacity 1.1m<sup>3</sup>.
- G.M. Ludhiana on 31.05.2013 requested to amend the EC already granted for carrying out off-stream and in-stream mining citing following main reasons:
  - (i) The mining area of 42.24 hectares which was entirely off-stream at the time of proposal, has now been partially sub-merged due to change of course by the river.
  - (ii) The contractor is required to carry out partial in-stream mining of sand from the river by mechanical means i.e. using excavators and in-stream with venturi jet ejector and pumping system.
- The SEIAA on the recommendations of SEAC decided to amend the EC already granted and allowed off-stream and in-stream mining subject to imposing below mentioned main additional conditions:
  - (i) The absolute elevation (Redline), below which no mining shall be allowed to be carried out, shall be determined by the Department of Industries & Commerce, Punjab alongwith Department of Irrigation, Punjab after carrying out proper survey of the mining site, so as to avoid impacts on structures such as bridges, piers and to avoid vegetation impacts associated with down cutting due to excessive removal of sediment. In no case mining shall be carried out below the redline.

- (ii) To minimize the impacts, the mining shall be limited to the downstream end of the sand bar with a riparian buffer on both the channel and / or floodplain side.
  - (iii) The Department of Industries & Commerce and contractor shall retain the upstream 1 to 2/3 thirds of the bar and riparian vegetation while excavating from the downstream as a method to promote channel stability and protect the narrow width of the low flow channel, which is necessary for fish.
  - (iv) In-stream extraction activities shall be concentrated or localized to a few bars rather than spread out over many bars. This localization of extraction shall minimize the area of disturbance of upstream and downstream effects.
  - (v) No washing, crushing, screening, stockpiling or plant operations should be carried out which shall have the potential to release fine sediments into the stream, which may result into change in habitat and consequently conditions harmful to local fish / fauna.
  - (vi) The mining activity in the river shall be carried out upto the discharge of 10,000 cusec except in monsoon season.
- Lt. Gen. (Retd) B.S. Dhaliwal, Advisor (Tech) to Hon'ble Chief Minister, Punjab in his letter dated 10.07.2013 addressed to Principal Secretary, Irrigation, Punjab has opined that slurry method of mining of sand is though cost effective and clean, however, it has lot of drawbacks such as depth of mining of sand in the running water cannot be gauged correctly, huge pits left due to mining affect the flow of water and can cause diversion of flow resulting in floods, possible damage to structures like revetments, studs, spurs etc. thereby causing sloughing of banks. Examples of effects that have already taken place by mining through slurry method based on the reports of Drainage Department have been quoted. As per reports of Drainage Department, the depth of water at location of spur and revetment work site approximately 1 km upstream of Parchian Biharipur has increased by 5 ft, the pier foundation of Phillaur Bridge has been exposed upto 10 ft depth due to scouring and sloughing of banks/berms etc. approximately 1 km of Parchian Biharipur complex has been noticed.

In the said letter, it has been recommended that mining of sand by slurry method should be carried out only upstream of Ropar Head Works (Nangal to Ropar stretch) along the Centre Line of creek of the river Sutlej as all the sand removed by slurry method would be replenished by the sand coming in from the various 'khads/nallahs' merging with the river between this stretch. It has been further stated in the letter that effects of mining in river Beas and its tributaries i.e. chakki river, Gulpur river, MB Link creek etc. are endangering bridges, banks etc. and recommended that only conventional method of mining should be used in this portion of the river. In case of river Ravi, it has been recommended that till construction of Shahpur Kandi Dam, boulders/aggregates for the construction of Dam should be lifted from identified quarries only and after construction of Dam, material upto specified depth and reach (by design office/Geologist) should only be lifted. Only conventional method of mining should be used downstream Madhopur Head Works.

- It is brought out that all the likely impacts on environment due to mining of minor minerals were carefully examined by SEAC/SEIAA while appraising and granting amended EC for allowing instream mining. In the interest of hydro-eco system, mining of minor minerals from the main river beds was not allowed during monsoon period as most of the aquatic fauna is in the breeding stage during monsoon season and any disruption in the water currents in the river can hinder the productivity of the water body.

To minimize the adverse impacts on environment and on structures such as bridges, piers etc. and to avoid vegetation impacts associated with down cutting due to excessive removal of sediments etc., various mitigation measures and safeguards were suggested and additional conditions as mentioned above were imposed.

The Secretary to Govt. of Punjab, Department of Irrigation, Chandigarh, in reference to Director Mining Memo no. GIG/PB/1086/4188-A dated 08.04.2016 vide which permission for in stream mining through slurry method in rivers was asked, has informed him that the slurry method of mining is though cost effective, however, it has lot of drawbacks too and it is only recommended in those areas where sufficient replenishment is available. In case of river Sutlej mining by slurry method may be allowed in the 60 kms stretch of Nangal to Ropar as replenishment is available in this

stretch due to various khuds/nallahs joining the river between this stretch. No mining of sand by slurry method is permitted below Ropar Headworks as the water gets regulated at this point with no major khud entering it beyond this point. It has been further stated that in case of river Beas & Ravi, the mining should be done by conventional method of mining upto groundwater level except in certain reaches where replenishment may be available by sand in flow during floods like downstream of outfall of river Ujh in river Ravi. A copy of the said letter has been received through e-mail in the office of Punjab Pollution Control Board.

The matter was considered in the 107<sup>th</sup> meeting held on 27.05.2016. After detailed deliberations, the SEIAA decided that case be referred to SEAC for examining the issue and sending recommendation accordingly.

The matter was considered in the 147<sup>th</sup> meeting of SEAC held on 30.06.2016. After detailed deliberations, the SEAC decided that both the project proponents i.e. concerned GM cum Mining Officer & Contractors in whose name environmental clearance's have been transferred, Authorized Officer from Irrigation Dept. and expert in the field namely Dr. R.K. Kakkar, Prof. (Retd) Geology Department, Punjab University, Chandigarh, Kothi No. 1614, Sector 44-B, Chandigarh be also invited in the next meeting of SEAC and then recommendations be sent accordingly.

Accordingly, the decision of the SEAC was conveyed to all the above concerned through email on dated 14.07.2016 and requested to be present in the 148<sup>th</sup> meeting of SEAC to be held on 19.07.2016.

Further, it is submitted that environmental clearance has also been granted to the General Manager-Cum-Mining Officer, Kapurthala, vide letter no. 611 dated 08.02.2013 for mining of 37,000 TPA of minor minerals in an area of 4.41 hectares in the bed of river Beas in the revenue estate of Village Mand Dhilwan (Site-II), Tehsil & District Kapurthala, which has been transferred in the name of Secretary, Dera Baba Jaimal Singh, Radha Soami Satsang Beas vide letter no. 2201 dated 10.06.2013 and later on allowed extraction of sand/gravel through slurry method/pumping vide letter no. 29660 dated 05.07.2013 with some additional conditions.

The matter was considered by the SEAC in its 148<sup>th</sup> meeting held on 19.07.2016 which was attended by the following:-

1. Sh. Naresh Goyal, Superintending Engineer, Irrigation

2. Sh. Ashutosh Sharma, Executive Engineer, Irrigation
3. Sh. B.S. Sandhu, Executive Engineer, Drainage
4. Sh. Mahesh Khanna, GM cum Mining Officer, DIC, Ludhiana
5. Sh. Surjit Singh, GM cum Mining Officer, DIC, Kapurthala
6. Sh. Amit Kumar, Contractor, M/s KBM Contractors
7. Col. Gurpreet Singh Bhullar (Retd.), Authorized Signatory, Dera Beas
8. Sh. Rajinder Arora, Representative, Dera Beas

Sh. Baljit Singh Sandhu, Xen Drainage, Ludhiana submitted a copy of google map showing that mining in river Satluj is being carried out beyond the centre line towards Jalandhar side. Thus, there is a danger that the bank towards Jalandhar may get eroded. Also, there is no check on the depth of mining with this slurry method. Since Buddha Nallah carries all type of waste water of Ludhiana, hence with this uncontrolled depth of mining there are chances of Buddah Nallah water causing contamination of the ground water. As regards, mining in river Beas by the Radha Soami Dera Beas, it was brought out by the representative of the Dera that they are mining the sand only upto permitted depth and the quantity of the material being mined is lessor than the quantity being permitted in the environmental clearance. He further stated that the bed level of the river is not being disturbed with their mining activity. To this contention, Xen, Irrigation informed that they could not verify the depth as well as the quantity of the sand mined by the Dera. Also he is not sure about the rate of replenishment available at the mining site. In case of Ravi River, no mining by slurry method has been allowed.

After deliberations, following decisions were taken:-

1. A joint inspection by the team comprising of the following officers will visit the mining site in river Satluj and Beas:-
  - (i) GM cum Mining Officers concerned
  - (ii) Concerned Xen Drainage of the Deptt. Of Irrigation, Punjab
  - (iii) Concerned Regional Officer of PPCB

The joint inspection report will be submitted by 20.08.2016 and the matter will again be discussed in the immediate next meeting of SEAC.

2. State Geologist, Punjab and an authorized officer not below the rank of Xen from Head Office of the Irrigation Deptt.(Drainage) be also invited in the said meeting when the matter will be discussed.

Accordingly, GM cum Mining Officer, Kapurthala, Xen, Drainage Deptt. of Irrigation, Jalandhar & Environment Engineer, PPCB, RO, Jalandhar vide letter no. 3093-95 were requested to carry out the joint inspection in case of the river Beas. Similarly, GM cum Mining Officer Ludhiana, Xen, Drainage, Deptt. of Irrigation, Ludhiana & Environment Engineer, PPCB, RO-III, Ludhiana vide letter no. 3090-92 dated 2.08.2016 were requested to carry out the joint inspection in case of the river Satluj and submit their reports by 20.08.2016 so as to further action in the matter can be taken.

The General Manager Cum Mining officer, DIC, Kapurthala vide letter no. 3022 dated 18.08.2016 has sent the inspection report of the Mand Dhilwan site-II in reference to the letter no. 3093-95 dated 02.08.2016. The copy of the inspection report was annexed with the agenda. However, no report was received in case of River Satluj.

The matter was considered by the SEAC in its 150<sup>th</sup> meeting held on 16.09.2016 which was attended by the following:-

1. Sh. B.P.S Brar, Superintending Engineer, Drainage Circle, Patiala (on behalf of Chief Engineer, Drainage)
2. Sh. Naresh Goyal, Superintending Engineer, Drainage Circle, Jalandhar
3. Sh. J.S. Sandhu, Superintending Engineer, Drainage Circle, Amritsar
4. Sh. Ashutosh Kumar, Executive Engineer, Drainage Division, Jalandhar
5. Sh. Baljit Singh Sandhu, Executive Engineer, Drainage Division, Ludhiana & Kuljinder Singh, Sub Divisional Officer, Drainage Division, Ludhiana
6. Sh. S.S. Randhawa, Sub Divisional Officer, (O/o Chief Engineer, Drainage, Chandigarh)
7. Sh. Avtar Singh, Sub Divisional Officer, (O/o Bari Doab, Drainage Division, Amritsar)
8. Sh. Paras Mahajan, Assistant Geologist, Department of Mining, Punjab.

Sh. Paras Mahajan submitted a written request no. 4178-B dated 15.09.2016 sent by State Geologist wherein it has been requested for deferment of the instant item as he will not be available to attend the meeting due to auction of 13 mines of the State to be held on 20.09.2016. The same was taken on record by the SEAC.

The Superintending Engineer & other officers of Irrigation Department told the SEAC that they still stand by the letter issued by the Secretary to Govt. of

Punjab, Department of Irrigation, Chandigarh, sent with reference to Director Mining Memo no. GIG/PB/1086/4188-A dated 08.04.2016 vide which permission for in stream mining through slurry method in rivers was asked. The SEAC observed that as per additional conditions imposed at the time of allowing offstream as well as in stream mining, the Department of Industries & Commerce alongwith Department of Irrigation was required to determine the absolute elevation (redline) below which no mining shall be allowed to be carried out. To this observation of SEAC, the officers from the Irrigation Department informed that the red line has not been defined as it is practically very difficult to define & demarcate red line. Then SEAC queried as to whether there are any guidelines for defining & demarcating the red line. The Irrigation department officers present in the meeting informed that there are no such guidelines. The SEAC further observed that allowing mining by slurry method or other mechanized means is a secondary issue primary being the availability of minor minerals for replenishment which has not been examined & redressed, so far. The SEAC asked the officers from Irrigation Department to carry out the study of replenishment and submit a report. The SEAC further observed that joint visit report in case of River Satluj has not been submitted till date. To this, XEN, Drainage Division, Ludhiana replied that GMDIC, Ludhiana is not cooperating and is not finalizing any date for the joint visit. He further informed that with mining, course of river Satluj has changed. Mining is carried out below ground level and Buddha nallah water might be affecting the quality of ground water. GMDIC, Ludhiana was not present in the meeting.

After deliberations, the SEAC decided that:-

- a. GMDIC, Ludhiana be asked to explain his non seriousness on the issue and as to why he is not cooperating with XEN, Drainage Division, Ludhiana for making a joint visit in case of River Satluj. GMDIC be directed to submit report of joint visit without any further delay.
- b. Department of Irrigation, Govt. of Punjab be asked to carry out the study of replenishment immediately and submit report within two months. Drainage Department wil also formulate guidelines for defining the red line, if not already existing. Red line should be defined in both the cases. Till red line is defined, no mining can be carried out as per the additional conditions imposed while granting the environmental clearance by SEIAA, Punjab. This was made clear to the representatives of mining department in the meeting.



- c. Report received in case of River Beas is yet not complete as it has been mentioned that replenishment can be assessed only after rainy season is over. XEN, Drainage Division, Kapurthala will submit complete report.
- d. To recommend the matter to SEIAA for suspension of environmental clearance granted to both the projects till such time the study report is made available by the Irrigation / Drainage Department and decision will be taken thereafter.

In compliance to above said decisions, the following actions have been taken:-

- a. The decision of SEAC has been conveyed vide letter no. 3390-3392 dated 26.09.2016 to GMDIC, Ludhiana, GM cum Mining Officer of Ludhiana, Xen, Drainage, Deptt. Of Irrigation, Ludhiana and EE, PPCB, RO-3, Ludhiana.
- b. Chief Engineer (Drainage), Deptt. of Irrigation, Punjab has been requested vide letter no. 3393 dated 26.09.2016 to submit the report within two months.
- c. GM cum Mining Officer Kapurthala, Xen, Drainage, Deptt. Of Irrigation, Jalandhar and EE, PPCB, RO, Jalandhar has been requested vide letter no. 3439-3441 dated 27.09.2016 to submit their complete report.
- d. The case has been sent to SEIAA for further necessary action

The matter was considered by the SEIAA in its 116<sup>th</sup> meeting held on 20.10.2016. The SEIAA observed that red line has not been yet defined and demarcated in both the projects. As per the additional condition imposed at the time of allowing of stream as well as instream mining which was to be done by Department of Industries and Commerce alongwith Department of irrigation after carrying out proper survey of mining sites.

After detailed deliberations, the SEIAA decided that Secretary, Irrigation be requested to define and demarcate the absolute elevation (red line) on both the mining project sites situated in the revenue estate of village Parchian Biharipur, Tehsil & Distt. Ludhiana and Village Mand Dhilwan, Tehsil & Distt. Kapurthala, respectively, within two months' time.

Accordingly, the Secretary, Irrigation was requested vide letter no. 3571 dated 11.11.2016 to define and demarcate the absolute elevation (red line) on the both mining project sites.

In reference to SEAC letter no. 3390-92 dated 26.09.2016, General Manager cum Mining Officer, DIC Ludhiana vide letter no. 1832 dated 26.10.2016 had sent a joint inspection report of the committee consists of XEN, Drainage, XEN, PPCB and himself. However, it was observed by the SEAC that copy of the map showing

details of land falling under has not been attached with the report as mentioned. Accordingly, General Manager, DIC Ludhiana vide letter no. 3510 dated 01.11.2016 has been requested to send a copy of the map whose reference has been made in the joint inspection report immediately, so that further action in the matter can be taken. But, no reply has been received in this office so far.

Further, in reference to SEAC letter no. 3439-41 dated 27.09.2016, General Manager cum Mining Officer Kapurthala vide letter no. 3571-72 dated 27.10.2016, 4155-56 dated 09.12.2016 and again letter no. 44-45 dated 04.01.2017 & copy endorsed to SEAC, has requested to Xen, Drainage, Deptt. of Irrigation, Kapurthala Road, Jalandhar and Xen, Drainage, Deptt. of Irrigation, Bist Duab Canal Office, Near Railway Station, Amritsar that joint inspection report regarding replenishment of the river Beas due to the mining of Sand, be prepared immediately and send directly to the Punjab Pollution Control Board, Patiala & copy of the report be also sent to the office of GMDIC, Kapurthala. However, no report in this regard, has been received to this office so far.

Now, the General Manager- Cum-Mining Officer, Ludhiana vide memo no. 379 dated 08.03.2017 has informed that environmental clearance was granted under EIA notification dated 14.09.2006 vide no. 26884 dated 26.06.2012 for mining of 5,57,000 Ton/annum of minor minerals in an area of 42.24 hectares from the bed of river Sutlej in the revenue estate of Village Parchian Biharipur, Tehsil & District Ludhiana, subject to certain conditions which is valid for a period of 5 years i.e. upto 25.06.2017. The aforesaid environmental clearance was transferred vide letter no SEIAA/M.S/2016/49 dated 04/01/2016 in the name of M/s KBM Contractors, 335-L, Model Town, Ludhiana for the remaining period of environmental clearance i.e. upto 25.06.2017, subject to the same conditions as mentioned in the environmental clearance issued vide letter no. 26884 dated 26.06.2012.

Further, GMDIC submitted that as per the condition no. (i) of the office memorandum F.No. 22-27/2015-IA-III, GOI, Ministry of Environment, Forest and Climate Change (IA Division) dated 12.04.2016, the Environment Clearance of the project which had not completed five (5) years on the date of publication of Notification i.e. 29.04.2015, there validity will stand automatically extended to seven (7) years. He also requested to amend the EC validity till 25.06.2019 and transfer the

same in the name of M/s KBM Contractors, 335-L, Model Town, Ludhiana. The GMDIC, Ludhiana has submitted the following documents along with the request:

- i. Copy of environment clearance granted under EIA notification dated 14.09.2006 vide no. 26884 dated 26.06.2012 to the GMDIC, Ludhiana.
- ii. Copy of environmental clearance transferred vide letter no SEIAA/M.S/2016/49 dated 04/01/2016 in the name of M/s KBM Contractors, 335-L, Model Town, Ludhiana for the remaining period of environmental clearance i.e. upto 25.06.2017.
- iii. Copy of memo no. 190 dated 11.02.2016 issued by General Manager - cum - Mining officer, Distt. Industrial Centre, Ludhiana to contractor for mining of 5,57,000 Ton/annum of minor minerals in an area of 42.24 hectares from the bed of river Sutlej in the revenue estate of Village Parchian Biharipur, Tehsil & District Ludhiana vide which final approval regarding allotment of mining site Parchian Biharipur through E-Auction Notification dated 10.11.2015, has been issued.
- iv. Copy of the OM no. F.No. 22-27/2015-IA-III dated 12.04.2016 issued by Ministry of Environment, Forest and Climate change (IA Division).
- v. Self-declaration by M/s KBM Contractors, 335-L, Model Town, Ludhiana to the effect that he will implement the mining operation at the project site as mentioned in the Environment Clearance granted for mining of 5,57,000 Ton/annum of minor minerals in an area of 42.24 hectares from the bed of river Sutlej in the revenue estate of Village Parchian Biharipur, Tehsil & District Ludhiana, Punjab according to the conditions mentioned in the Environment Clearance granted for the project and extensions thereof.

The matter is placed before SEIAA for consideration.

Any other item with the approval of Chair.

\*\*\*\*\*



PC  
Please put up  
17/2/17

To:  
Member Secretary  
State Environment Impact Assessment Authority  
Punjab

Subject: Reply to Show cause notice for cancellation/ revocation of Environment Clearance granted, be issued to the project proponent for concealment of facts and not providing complete information in the Environment Clearance application

Sr  
We are thankful that you have given us opportunity to give all the facts for your consideration and we submit as under.

1. We have applied for Environmental clearance online as per instructions and we submitted 500 Mtr plan showing rice mill exists in the area, moreover the owner of the mill is same and the three No mentioned in the visit report is correct but we submit that these all mills are within one complex. ( 500 mtr plan is attached)
2. We have submitted a KMI, file along with the application which shows the site location as well as area along with the project.
3. We fall in the residential zone as per the approved master plan the rice mill is not as per the designated zone of the master plan. The area along the project is fully occupied and there are only residences in the area.
4. The rice mill got the Consent to operate from the PPCB with a condition that they have to shift from the area as they are not in the designated zone as per the Master plan. ( Copy Enclosed)
5. Our plans have been approved by the competent authority.
6. As per the notification of the Housing Department there is no need to provide any green belt where the master plan has been approved. ( Copy Enclosed)

We request you to kindly give us personal hearing so that we can submit our case & oblige

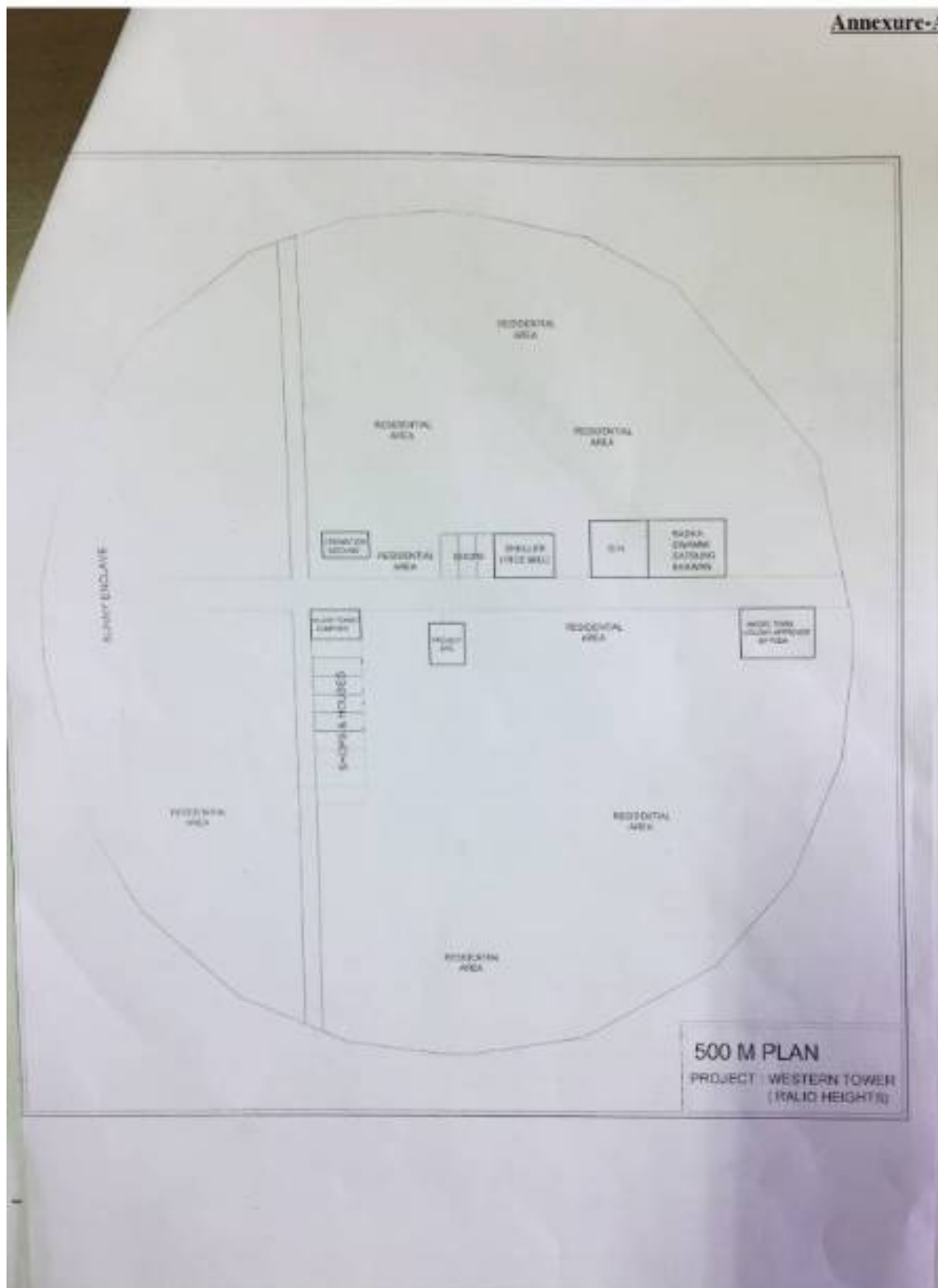
Thanking You

Yours Truly

For **STAR REALTECH & DEVELOPERS (P) LTD**

Authorized Signatory

Western Towers, Sector-126,  
Chandigarh-Kharar Road, Greater Mohali  
+91 98760-80355, 97813-11504  
Email: westerntowersmohali@gmail.com, www.westerntowers.in



*Shri Shakti exporters private limited unit 3, Chajji murga road, munda khaur, punjab  
Kharar, Sas nagar*

# **PUNJAB POLLUTION CONTROL BOARD**

Plot No. 55, Phase-II, Opposite Bata, Durgam, SAS Nagar

Website: [www.ppcb.gov.in](http://www.ppcb.gov.in)

Industry ID: R15SAS1091972

No: R15SASCTOA3259326

Registered

Date: 12/10/2015

To

M/s Shri Shakti exporters private limited unit 3  
Chajji murga road, munda khaur, punjab  
Kharar  
140301  
Tehsil: Kharar  
District: Sas nagar

Subject:- **Renewal of consent to operate under the Air (Prevention & Control of Pollution) Act, 1981**

Reference: R15SASCTOA3259326

Application No: 3259326

Date: 12/10/2015

Name of the Applicant: Sh. Surinder Kumar Verma

Scale/Category of the industry: Small / Red category

Total cost of industry: 14.32 Lacs

Consent fee details: Rs. 9000/- Vide R. No. 3139804 dated 01/09/2015, Rs. 9000/- vide R. No. 3145428 dated 01/09/2015 and Rs. 6000/- vide R. No. 348909793 dated 12/09/2015

Product & capacity: Processing of paddy @ 2 TPH (Without drier)

With reference to your application for renewal of consent to operate an industrial plant under the Air (Prevention & Control of Pollution) Act, 1981, you are hereby authorized by State Board to operate an industrial plant for processing of paddy @ 36 TPD and to discharge the effluent arising out of your premises subject to the following conditions:

1. This consent is valid for operation of dry rice shelling unit for processing of paddy @ 2 TPH.
2. The industry shall apply for renewal of consent at least two months before expiry of the consent.
3. The industry shall ensure that at any time the emission do not exceed the emissions standards laid down by the Board / State Govt. from time to time.
5. The industry shall not consume any fuel for burning purposes without the prior written permission of the Board.
6. The industry shall provide port-holes, platforms and /or other necessary facilities as may be required for collecting the samples of emissions from any chimney, fuel or duct or any other outlets.

*M/s. Shakti exporters private limited unit 3, Chajla wagra road, moudi khaur, punjab,  
Kharar, Sah nagar*

discharge point of the rice husk pipe (whichever is more) and the length of aforesaid brick wall should be at least 35' on each side of the rice husk discharge pipe.

c) The industry shall provide a layer of wind screen of mild steel or some other similar material of at least 5' height above the brick wall. The wind screen system should have a porosity of ~ 30 % to lower the wind velocities, thus reducing the amount of air borne particulate from storage, handling and loading/ unloading areas of rice husk.

d) The minimum diameter at the outlet of discharge pipe of rice husk be kept as 15" which can be maintained by extending the existing discharge pipe with the help of a conical shaped pipe of atleast 3' length.

e) Wherever the height of rice husk is 3' or more, the industry shall cover the heap of husk with HDPE warp knitted fabric completely, except the area near the discharge pipe. The HDPE warp knitted fabric be made of 100 % virgin high density polymer of at least 70 gm. m2 weight having 40-45 hole/ inch2 to prevent wind blowing of stored husk.

18. The industry shall meet with the emission standards of 500 mg/Nm3 as prescribed in the notification for guidelines of rice shellers issued by the State Govt. The industry shall put up display board indicating the environment data at the main entrance gate.

19. The industry shall not carry out any expansion of the existing unit without obtaining consent to establish/operate of the Board under Air (Prevention & Control of Pollution) Act, 1981.

20. The industry shall make the entire pollution control system in line before starting the next shelling season.

21. This consent is valid upto 30.06.2019 only.

22. The Board reserves the right to revoke consent to operate at any time, in case the industry is found violating any of the conditions of the consent under the provisions of the Air (Prevention and Control of Pollution) Act, 1981 as amended from time to time.

#### SPECIAL CONDITIONS-

1. The rice sheller shall submit the analysis report of the stack emissions got analyzed by the NABL approved laboratory to the Board, within one month, from the start of the Shelling season for the period 2015-16.

2. The industry shall take necessary steps to shift the unit to some other suitable site conforming to the siting guidelines laid down by the Govt. of Punjab, Dept. Of Science, Technology & Environment vide order dated 15.10.2013, before 24.06.2020 in compliance to the provisions of section 79 of the PUNJAB REGIONAL AND TOWN PLANNING AND DEVELOPMENT ACT, 1995.

Environmental Engineer  
Fndt. No. \_\_\_\_\_ Date \_\_\_\_\_

A copy of above is forwarded to the followings for information please:-

The Senior Environmental Engineer, Zonal Office-I, Punjab Pollution Control Board, Patiala.

Environmental Engineer



**GOVERNMENT OF PUNJAB**  
**DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT**

Notification

The 11th August, 2009

No. 6312 CTP(Pb)/SP-421.—Whereas, the Master Plans of Ludhiana, S.A.S. Nagar and Mullanaur Local Planning Areas were notified u/s 70(5) of Punjab Regional and Town Planning and Development Act, 1995 (Amended) 2006,—vide Notification No. 7456-CTP(Pb)/SL-65, dated 12th September, 2008, Notification No. 9650-CTP/SC-76, dated 12th/16th December, 2008 and Notification No. 9664-CTP/SC-115, dated 12<sup>th</sup>/16<sup>th</sup> December, 2008 respectively.

Whereas, M/s Jurog Consultants Pte Ltd. has suggested that at the time of preparation of master plans, different land use zones like industrial, residential, commercial, institutional, mixed land use, public utilities, road etc. are earmarked keeping in view the national and international norms. While prescribing these land use zones appropriate distances are kept between different land use zones keeping in view the environment norms.

Whereas, M/s Jurog Consultants Pte Ltd. who has prepared Master Plan for S.A.S. Nagar and Mullanaur recommended that after the notification of master plan, further developments and constructions are to be guided by a single master plan document and not by any other circular/order/guidelines issued by different departments of the Government.

Therefore, the Designated Planning Agency i.e. Chief Town Planner, Punjab with the approval of the State Government and Punjab Regional and Town Planning and Development Board, in exercise of powers conferred u/s 77 of Punjab Regional and Town Planning and Development Act, 1995 (Amended) 2006, incorporate changes as below:—

"Where statutory master plan has been notified under the Punjab Regional and Town Planning and Development Act, 1995 (Amended) 2006, if any new residential, commercial, mixed land use or any other development/construction comes up as per the earmarked zone there is no need to keep any additional distance from the existing industry from the environment point of view because these factors have already been taken care of while earmarking the different land use zones in the master plan".

This shall come into operation with immediate effect.

This is notified with the approval of the Government received,—vide Memo No. 10/15/2006-4)-wT-1/2276, dated 10th August, 2009.

(Sd.)  
 (RAJINDER SHARMA),  
 Chief Town Planner,  
 Punjab, Chandigarh.



Government of Punjab  
Department of Science, Technology, Environment  
and Non Conventional Energy

Notification

Encl No. 306/ST/14/

Dated

In exercise of the powers conferred under section 3 of the Environment (Protection) Act, 1986 read with Rules 2 (1) (vi) of the Environment (Protection) Act, 1986, and in partial modification of Notification No. Jdv/ST/14/2274 dated 25.7.2008, the Government of Punjab is pleased to amend and substitute para 6.1 as under:-

"The Master Plan is the final legal solution to planned development and hence the master plans be prepared in a time bound manner on priority. Where statutory master plan has been notified under the Punjab Regional and Town Planning and Development Act, 1995 (Amended 2006), no use of land or any other development/construction which come up in per the earmarked zone, in case of new residential, commercial, etc., is to be allowed to keep any additional distance from the existing industry from the convenient point of view because these factors have already been considered while earmarking the use of land for different categories in the master plan, as per Notification No. 6312, dated 11<sup>th</sup> August, 2009 issued by Department of Housing & Urban Development.

Vijayjeet Khanna  
Secretary to Government of Punjab,  
Department of Science, Technology,  
Environment and Non Conventional Energy

Encl No. 306/ST/14/ १२६९

Dated, Chandigarh the १२-१०-११

A copy is forwarded to the Controller, Printing & Stationery, Punjab, Chandigarh with the request that the above notification may be printed in the ordinary quarto and 500 (five) copies thereof may be sent for record.

  
Additional Secretary

Encl No. 306/ST/14/ १११०

Dated १०-१०-११

A copy is forwarded to the following for information & necessary action

1. The Advocate General, Punjab
2. The Director of Industries, Housing & Urban Development, Section-12, Chandigarh
3. The Director, Local Government, Punjab, Section-131-132 Section-17, Chandigarh
4. The Director of Industries, Punjab, Section-17-18, Section-132, Chandigarh

### Utility for Migrating old data into Portal

A module is designed with the provision of uploading the old data in an Excel sheet in a defined format where the data from these sheets will be imported/ migrated in the State Portal.

#### Process:

1. Login as SEIAA from the State Portal.
2. Under “Add Proposal Details (Before 2 July 2015)”, go to “Migrate Old Data into Portal”, for both TOR and EC.
  - The date of applying for these proposals must be before “2<sup>nd</sup> July 2015”.

The top screenshot shows the SEIAA Madhya Pradesh portal interface. The user is logged in as [ed.epce@mp.gov.in] with the role of Member Secretary. The navigation menu includes 'My Account', 'Add Proposals Details(Before 2 July 2015)', 'Processing of Proposals (Category B)', and 'Reports (Category-B)'. The 'Add Proposals Details(Before 2 July 2015)' dropdown menu is open, showing options: 'Add New Proposal(For Getting TOR)', 'Add New Proposal(For Getting EC)', 'Migrate Old Data into portal', 'Update TOR Details', and 'Update EC Details'. The 'Migrate Old Data into portal' option is highlighted with a red box. A message 'Successfully logged in' is visible on the right.

The bottom screenshot shows the 'Utility for Migrating old data into portal' page. It features two buttons: 'Download Manual' and 'Download Excel Format', both highlighted with red boxes. Below these buttons, there is a section for uploading an Excel sheet. It includes a text input field for the file name, a 'Browse...' button, and a message 'No file selected. show only xls or xlsx'. Below this, there are 'UPLOAD' and 'VIEW' buttons. The footer of the page contains the text: 'Designed, developed and hosted by NIT, Data owned, updated & Maintained by NIT/EC'.

3. A Manual to understand the process is available for downloading in “Download Manual” link.
4. The required Format of Excel Sheet is available for downloading in “Download Excel Format” link. (The header of this format must not be changed in any circumstances)

	A	B	C	D	E	F	G	H	I	J	K	L	M
	Project_Sector	File No	Company	Project_Name	Date_of_Receipt	Date_of_Dispatch_to_SEAC	TOR_1st_issued_Date	District	Taluk	Sub_Category	IC_Tell	SEAC_Decision	Current_Status
1													
2													
3													
4													
5													
6													

5. A demo structure of the data is given below,
  - Mm/dd/yy : Month/date/year (e.g. 02/19/08 or 02/19/2008)

	A	B	C	D	E	F	G	H	I	J	K	L	M
	Project_Sector	File No	Company	Project_Name	Date_of_Receipt	Date_of_Dispatch_to_SEAC	TOR_1st_issued_Date	District	Taluk	Sub_Category	IC_Tell	SEAC_Decision	Current_Status
1	CMIN				00/00/00	00/00/00	00/00/00			00/00	00/00/00		
2	NCP	11110000 (00)	Sunder Singh Overseas Indore	Asstt. Hse. Plot No 12 C Ring Road	02/14/08	02/28/08	NA	Indore	Indore	02	EC	Pending at Sub. division EC issued 28.02/2008-0808 02/28/08	AWAITING EC
3	NCP	11110000 (00)	Sunder Singh Overseas Indore	Asstt. Hse. Plot No 12 C Ring Road	02/14/08	02/28/08	NA	Indore	Indore	02	EC	Pending at Sub. division EC issued 28.02/2008-0808 02/28/08	EC GRANTED
4	NCP	11110000 (00)	Sunder Singh Overseas Indore	Asstt. Hse. Plot No 12 C Ring Road	02/14/08	02/28/08	NA	Indore	Indore	02	EC	Pending at Sub. division EC issued 28.02/2008-0808 02/28/08	EC GRANTED
5	THE	11110000 (00)	Sunder Singh Overseas Indore	Asstt. Hse. Plot No 12 C Ring Road	02/14/08	02/28/08	NA	Indore	Indore	02	EC	Pending at Sub. division EC issued 28.02/2008-0808 02/28/08	CLOSED EC
6	NCP	11110000 (00)	Sunder Singh Overseas Indore	Asstt. Hse. Plot No 12 C Ring Road	02/14/08	02/28/08	NA	Indore	Indore	02	EC	Pending at Sub. division EC issued 28.02/2008-0808 02/28/08	CLOSED EC
7	NCP	11110000 (00)	Sunder Singh Overseas Indore	Asstt. Hse. Plot No 12 C Ring Road	02/14/08	02/28/08	NA	Indore	Indore	02	EC	Pending at Sub. division EC issued 28.02/2008-0808 02/28/08	AWAITING TOR
8	NCP	11110000 (00)	Sunder Singh Overseas Indore	Asstt. Hse. Plot No 12 C Ring Road	02/14/08	02/28/08	NA	Indore	Indore	02	EC	Pending at Sub. division EC issued 28.02/2008-0808 02/28/08	TOR GRANTED
9	THE	11110000 (00)	Sunder Singh Overseas Indore	Asstt. Hse. Plot No 12 C Ring Road	02/14/08	02/28/08	NA	Indore	Indore	02	EC	Pending at Sub. division EC issued 28.02/2008-0808 02/28/08	CLOSED TOR
10	THE	11110000 (00)	Sunder Singh Overseas Indore	Asstt. Hse. Plot No 12 C Ring Road	02/14/08	02/28/08	NA	Indore	Indore	02	EC	Pending at Sub. division EC issued 28.02/2008-0808 02/28/08	CLOSED TOR
11	THE	11110000 (00)	Sunder Singh Overseas Indore	Asstt. Hse. Plot No 12 C Ring Road	02/14/08	02/28/08	NA	Indore	Indore	02	EC	Pending at Sub. division EC issued 28.02/2008-0808 02/28/08	REJECTED TOR
12	THE	11110000 (00)	Sunder Singh Overseas Indore	Asstt. Hse. Plot No 12 C Ring Road	02/14/08	02/28/08	NA	Indore	Indore	02	EC	Pending at Sub. division EC issued 28.02/2008-0808 02/28/08	REJECTED EC

6. The field “Project\_Sector” must contain only the code of the Sector and not its complete name.

Project_Sector_Name	Project_Sector
Coal Mining	CMIN
Industrial Projects - 1	IND
Industrial Projects - 2	IND2
Infrastructure and Miscellaneous Projects + CRZ	MIS
New Construction Projects and Industrial Estates	NCP
Non-Coal Mining	MIN
River Valley and Hydroelectric Projects	RIV
Thermal Projects	THE

- The project sector is based on the project activities in the schedule as per EIA Notification, 2006.

Project Sector	Activity name
Coal Mining(CMIN)	1(a) Mining of minerals
	2(a) Coal washeries
Industrial Projects - 1(IND)	2(b) Mineral beneficiation
	3(a) Metallurgical industries (ferrous & non-ferrous)
	3(b) Cement plants
	4(b) Coke oven plants
	4(c) Asbestos milling and asbestos based products
	4(f) Leather/skin/hide processing industry
	5(i) Pulp & paper industry excluding manufacturing of paper from waste
	5(k) Induction/arc furnaces/cupola furnaces STPH or more
Industrial Projects - 2(IND2)	1(b) Offshore and onshore oil and gas exploration, development & production
	4(a) Petroleum refining industry
	4(d) Chlor-alkali industry
	4(e) Soda ash Industry
	5(a) Chemical fertilizers
	5(b) Pesticides industry and pesticide specific intermediates (excluding formulations)
	5(c) Petro-chemical complexes (industries based on processing of
	5(d) Manmade fibres manufacturing
	5(e) Petrochemical based processing (processes other than cracking &
	5(f) Synthetic organic chemicals industry (dyes & dye intermediates; bulk
	5(g) Distilleries
	5(h) Integrated paint industry
	5(j) Sugar Industry
	6(a) Oil & gas transportation pipe line (crude and refinery/ petrochemical
	6(b) Isolated storage & handling of hazardous chemicals (As per threshold planning
Infrastructure and Miscellaneous Projects + CRZ(MIS)	7(a) Air ports
	7(b) All ship breaking yards including ship breaking units
	7(d) Common hazardous waste treatment, storage and disposal facilities (TSDFs)
	7(e) Ports, Harbours

	7(f) Highways
	7(g) Aerial ropeways
	7(h) Common Effluent Treatment Plants (CETPs)
	7(i) Common Municipal Solid Waste Management Facility (CMSWMF)
New Construction Projects and Industrial Estates(NCP)	7(c) Industrial estates/ parks/ complexes/ areas, export processing Zones
	8(a) Building and Construction projects
	8(b) Townships and Area Development projects.
Non-Coal Mining(MIN)	1(a) Mining of minerals
	2(b) Mineral beneficiation
River Valley and Hydroelectric Projects(RIV)	1(c) River Valley projects
Thermal Projects(THE)	1(d) Thermal Power Plants

7. The field “**Current\_Status**” must contain the status of the proposal based on the decisions of SEAC meeting,

SEAC_Decision	Current_Status
Pending at SEAC meeting	AWAITING EC
If EC is issued	EC GRANTED
If Proposal is delisted	DELISTED EC
If Proposal is closed	CLOSED EC
If Proposal is Rejected	REJECTED EC
Pending at SEAC meeting	AWAITING TOR
If TOR is issued	TOR GRANTED
If Proposal is delisted	DELISTED TOR
If Proposal is closed	CLOSED TOR
If Proposal is Rejected	REJECTED TOR

**Note: Name of the Excel Sheet must be “Sheet1”**



8. SEIAA must upload the Excel sheet on the portal with all the details as described in the format for all the old data.
9. The uploaded excel sheet can be viewed after clicking on “View”, which will allow him to see the uploaded data in a single grid.

SNo	Project Number	File No	Company	Proposal/Name	Date of Receipt	Date of Receipt in SEIA	District	Titled	Category	RT/IR	Current Status
1	Water Distribution Projects and Irrigation Schemes	1/2015/001	Sanjay Singh (Chyore) (Sanjay) P.P.	Water supply project of Chyore Road	21/11/2015	22/11/2015	Chyore	Water	RT	RT	RT issued on 22/11/2015
2	Water Distribution Projects and Irrigation Schemes	2/2015/002	Sanjay Singh (Chyore) (Sanjay) P.P.	Water supply project of Chyore Road	21/11/2015	22/11/2015	Chyore	Water	RT	RT	RT issued on 22/11/2015
3	Water Distribution Projects and Irrigation Schemes	3/2015/003	Sanjay Singh (Chyore) (Sanjay) P.P.	Water supply project of Chyore Road	21/11/2015	22/11/2015	Chyore	Water	RT	RT	RT issued on 22/11/2015
4	Water Distribution Projects and Irrigation Schemes	4/2015/004	Sanjay Singh (Chyore) (Sanjay) P.P.	Water supply project of Chyore Road	21/11/2015	22/11/2015	Chyore	Water	RT	RT	RT issued on 22/11/2015
5	Water Distribution Projects and Irrigation Schemes	5/2015/005	Sanjay Singh (Chyore) (Sanjay) P.P.	Water supply project of Chyore Road	21/11/2015	22/11/2015	Chyore	Water	RT	RT	RT issued on 22/11/2015
6	Water Distribution Projects and Irrigation Schemes	6/2015/006	Sanjay Singh (Chyore) (Sanjay) P.P.	Water supply project of Chyore Road	21/11/2015	22/11/2015	Chyore	Water	RT	RT	RT issued on 22/11/2015
7	Water Distribution Projects and Irrigation Schemes	7/2015/007	Sanjay Singh (Chyore) (Sanjay) P.P.	Water supply project of Chyore Road	21/11/2015	22/11/2015	Chyore	Water	RT	RT	RT issued on 22/11/2015

10. If the data is verified, click on “Upload”.

Data in this Excel sheet will be imported in the portal for further processing.

These proposals are traceable on public domain under “Track your proposal”, in “Search Proposals (received upto 2nd July 2015)”.

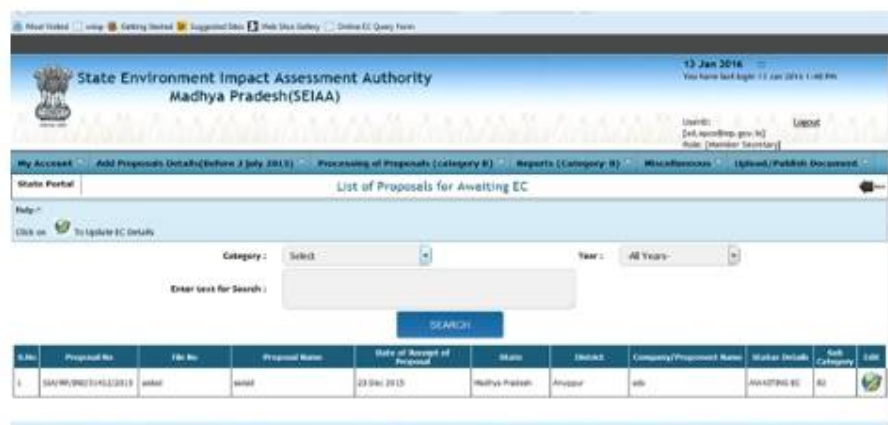


**Process to Upload the related documents of these proposals:**

1. Under “Update TOR Details” or “Update EC Details”, go to “Edit EC Details” or “Edit TOR Details”.



2. Click on “Edit” to update the Details/Files of a proposal.



**Add New Proposal(For Getting EC)**

*Sub Category: <input type="text" value="E2"/>	*Project Sector: <input type="text" value="Industrial Projects"/>
*File No: <input type="text" value="anad"/>	*Date of Receipt: <input type="text" value="20/12/2015"/>
*Proposal Name: <input type="text" value="anad"/>	*District: <input type="text" value="Anuppur"/>
*State: <input type="text" value="Madhya Pradesh"/>	Company/Proposer Name: <input type="text" value="ad"/>
Village: <input type="text" value="nytyty"/>	
Upload Permit: <input type="text" value="Browse..."/> No file selected. <small>File upload PDF only</small>	Pre Feasibility Report(PFR) Upload: <input type="text" value="Browse..."/> No file selected. <small>File upload PDF only</small>
Upload Mining Plan: <input type="text" value="Browse..."/> No file selected. <small>File upload PDF only</small>	Upload EIA/EAP Report: <input type="text" value="Browse..."/> No file selected. <small>File upload PDF only</small>
Upload Risk Assessment: <input type="text" value="Browse..."/> No file selected. <small>File upload PDF only</small>	Upload EC Compliance report: <input type="text" value="Browse..."/> No file selected. <small>File upload PDF only</small>
Upload Additional Information: <input type="text" value="Browse..."/> No file selected. <small>File upload PDF only</small>	Date of send to SEAC: <input type="text" value="19/12/2015"/>

**UPDATE**

- Click on **"Upload EC Letter"** to upload EC Letter of a proposal or click on **"Upload TOR Letter"** to upload TOR Letter of a proposal.

**State Environment**

Proposal No:  File No:

Proposal Name:  Proposal Type:

\*Date of consideration (From date):  \*Date of consideration (To date):

\*Date of issue of Minutes:

\*Date of EAC decisions:  Other information:

Whether recommended for issuing TOR (Y/N): ☒ Yes ☐ No

Date of issue of TOR:

TOR Letter Upload:  No file selected.  
(pdf only)