Agenda for the 162nd meeting of State Expert Appraisal Committee to be held on 15.02.2018 at 10.30 AM in the Committee Room, Punjab Pollution Control Board, Nabha Road, Patiala.

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162.08	Application for environmental clearance under EIA notification 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/11539/2016)	68-74
162.09	Application for issuance of TOR under EIA notification dated 14.09.2006 for expansion of steel manufacturing unit by addition of two induction furnace in Village- Jalalpur, Amloh Road, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab by M/s Dasmesh Castings (P) Limited(Proposal no SIA/PB/IND2/21384/ 2018)	75-82
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Item no.162.01: Confirmation of the proceedings of161th meeting of State Level Expert Appraisal Committee held on 16.01.2018

The proceedings of 161th meeting of State Level Expert Appraisal Committee held on 16.01.2018 were circulated to all concerned vide letter no. 06-19 dated 03.01.2018. No observations have been received from any of the member. As such, the SEAC may confirm the proceedings of said meeting.

Item No. 162.02: Action taken on the proceedings of 161st meeting of State Level Expert Appraisal Committee held on 16.01.2018.

Action taken on the proceedings of 161st meeting of State Level Expert Appraisal Committee held on 16.01.2018 has been taken and action taken report is as under:-

Item No.	Description	Decision of the 161st meeting of SEAC held on 16.01.2018.	Action Taken
161.01	Confirmation of the proceedings of 160th meeting of State Level Expert Appraisal Committee held on 22.12.2017.	No observations have been received from any of the member on proceedings. As such, the SEAC confirmed the proceedings of the 160th meeting without any amendment.	No further action is required to be taken.
161.02	Action taken on the proceedings of 160th meeting of State Level Expert Appraisal Committee held on 22.12.2017.	The details of the action taken on the proceedings of 160th held on 22.12.2017 were seen by the SEAC.	No further action is required to be taken.
161.03	Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely Prestige Towers located at Village Balyali, Mohali by M/s Vera Developers (P) Ltd., Bura Gujjar Road, Village Kotli Devan, Sri Muktsar Sahib Proposal No. SIA/PB/NCP/71252/2017.	The SEAC decided to recommend the case to SEIAA with the recommendations to grant environmental clearance.	The case file has been sent to SEIAA for taking further necessary action.

161.04	Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of Commercial project namely Sushma Capital located at Zirakpur, Dera Bassi, S.A.S Nagar Mohali by M/s Towncity Realtors (P), Ltd., 5069 B, Sector – 38 West, Chandigarh Proposal No. SIA/PB/NCP/71368/2017	The SEAC decided to recommend the case to SEIAA with the recommendations to grant environmental clearance.	The case file has been sent to SEIAA for taking further necessary action.
161.05	Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely Ubber Mews Gate located at Khanpur, Kharar, SAS Nagar Mohaliby M/s Ubber Reality, SCO-1, VIP Enclave, Habitpur Road, Sector 5 Sadde Majra, Dera Bassi- Proposal No. SIA/PB/NCP/71296/2017	The SEAC decided that the project proponent will submit documentary evidence to prove his contention which will be verified by the concerned Regional Officer of PPCB in Mohali who had sent the earlier report so as to take further action in the matter. The officer should send a clear cut report categorically stating as to whether it is a case of violation of EIA notification 2006 or not.	The project proponent have been requested to submit documentary evidence to prove his contention which will be verified by the concerned Regional Officer of PPCB in Mohali who had sent the earlier report so as to take further action in the matter. The copy of the same letter was endorsed to Environmental Engineer, Regional Office, Mohali vide Endst. No. 138-139 dated 30.01.2018 for sending clear cut report categorically stating as to whether it is a case of violation of EIA notification 2006 or not.

161.06	Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely Victoria Residency located at Village Kishanpura, Zirakpur, Dera Bassi, S.A.S Nagar Mohali by M/s VROMS Buildcon (P) Ltd., 808, 8th Floor, Jaina Tower 1, District Center, Janakpuri, New Delhi West Delhi-110058 Proposal No. SIA/PB/NCP/71387/2017	The SEAC decided to recommend the case to SEIAA with the recommendations to grant environmental clearance.	The case file has been sent to SEIAA for taking further necessary action.
161.07	Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely Tanmay Towers located at Bhankarpur, Dera Bassi, S.A.S Nagar Mohali by M/s KG Enterprises, Ambala Chandigarh Highway, Opposite Gurudwara Sahib, Bhankharpur, Dera Bassi, SAS Nagar Mohali Proposal No. SIA/PB/NCP/71274/2017	The SEAC decided to defer the case till the project proponent submits certain documents.	The project proponent has been requested vide letter No. 140 dated 30.01.2018 to submit the documents. But the same are awaited as yet.
161.08	Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely Citi Avenue located at Peermachalla , Zirakpur, Derabassi,S.A.S Nagar Mohali by M/s Citi Developers C/o Motia Farms, Village Chungia, PO Chatt, Near 200 ft Airport Road, Zirakpur Proposal No. SIA/PB/NCP/71289/2017	The SEAC decided to recommend the case to SEIAA with the recommendations to grant environmental clearance.	The case file has been sent to SEIAA for taking further necessary action.

161.09	Application for environmental clearance under EIA notification dated 14.09.2006 for expansion of group housing project namely "Joynest MOH 1" in the revenue estate of Village Chatt, Zirakpur by M/s Amazing Real Estate Pvt. Ltd., S.C.O 2, Urban Plaza, Sushma Square, Zirakpur, Proposal No. SIA/PB/NCP/71352/2017	The SEAC decided that a team comprising of SEAC Members Sh. N.S. Kahlon & Sh. Sandeep Virdi will visit the site to verify the compliance of earlier granted environmental clearance as well as construction status with respect to expansion component of the project and submit a report within ten days so that further action in the matter may be taken. The case be placed in the next meeting of SEAC after the report from the Committee is received.	The Committee Members have been requested to visit the project and submit project vide letter No. 141-142 dated 30.01.2018. The report from the Committee Members is awaited.
161.10	Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely Affinity Greens located at Ramgarh Bhudda , Zirakpur, Dera Bassi, S.A.S Nagar Mohali by M/s Affinity Builders, SCO 19, Near Hotel Govind Regency, Kalka Road, Zirakpur, Proposal No. SIA/PB/NCP/71249/2017.	The SEAC decided to recommend the case to SEIAA with the recommendations to grant environmental clearance.	The case file has been sent to SEIAA for taking further necessary action.
161.11	Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely "AGI Sky Garden" in the revenue estate of Village Khajurla, Phagwara, Kapurthala, Punjab by M/s AGI Infra Ltd. C/o Jalandhar Heights 66' Road, Village Pholriwal, Jalandhar – 144022 Proposal No. SIA/PB/NCP/71431/2017	The SEAC decided that the site of the project be got revisited by the concerned officer of PPCB in PPCB, RO, Jalandhar to verify the contentions of the project proponent.	Regional Office, Jalandhar has been requested vide letter No. 145 dated 30.01.2018 to verify the contentions of the project proponent. Report from Regional Office, Jalandhar has been received. Case has been placed in the instant agenda as a separate item.

161.12	Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely "AGI Palace" in the revenue estate of H. B. No. 252, Pholriwal, Jalandhar, Punjab by M/s AGI Infra Ltd. C/o Jalandhar Heights 66' Road, Village Pholriwal, Jalandhar – 144022 Proposal No. SIA/PB/NCP/71433/2017	The SEAC decided to recommend the case to SEIAA with the recommendations to grant environmental clearance.	The case file has been sent to SEIAA for taking further necessary action.
161.13	Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely Insignia located at Daunmajra, Kharar, S.A.S Nagar Mohali by M/s Virtue Land Developers (P) Ltd., SCO 40-41, sector 9 D Madhya Marg, Chandigarh Proposal No. SIA/PB/NCP/71603/2017	The case could not be taken up due to paucity of time. The SEAC decided to defer the case & to take up the same in its next meeting.	Case has been placed in the instant agenda as a separate item.
161.14	Application for environmental clearance under EIA notification 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/11539/2016)	The case could not be taken up due to paucity of time. The SEAC decided to defer the case & to take up the same in its next meeting.	Case has been placed in the instant agenda as a separate item.

161.15	Application for issuance of TOR under EIA notification dated 14.09.2006 for pr**oposed Railway Unloading Siding along with existing Jalandhar TOP of BPCL** in Village-Suchi Pind, District-Jalandhar by the Bharat Petroleum Corporation Limited (Proposal no SIA/PB/IND2/21245/ 2017)	The SEAC decided to recommend the case to SEIAA with the recommendations to issue ToRs.	The case file has been sent to SEIAA for taking further necessary action.
161.16	Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely Gateway of Dreams located at Village Nabha, Zirakpur, Dera Bassi, S.A.S Nagar Mohali by M/s SBP Dream City (P) Ltd., Santemajra Road, Kharar Proposal No. SIA/PB/NCP/71372/2017	The SEAC asked the project proponent to submit all documentary evidences to prove that the commercial project is not a part of the residential project for which environmental clearance has been applied.	The decision of SEAC been conveyed to the project proponent vide letter No. 144 dated 30.01.2018. The reply from the project proponent has been received. The case has been placed in the instant agenda as a separate item.
161.17	Application for issuance of TOR under EIA notification dated 14.09.2006 for expansion of steel manufacturing unit by replacing existing induction furnace in Village- Alour, Bhadla Road, Khanna, Ludhiana, Punjab by M/S Nidhi Steel Industries (Proposal no SIA/PB/IND2/21245/ 2017)	The SEAC decided to recommend the case to SEIAA with the recommendations to issue ToRs.	The case file has been sent to SEIAA for taking further necessary action.

Item no.162.03: Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely Insignia located at Daunmajra, Kharar, S.A.S Nagar Mohali by M/s Virtue Land Developers (P) Ltd., SCO 40-41, Sector 9 D Madhya Marg, Chandigarh Proposal No. SIA/PB/NCP/71603/2017

The facts of the case are as under:-

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

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

Sr.no.	**Project Details**	
1.	Type of Project	Group Housing
2.	Category	8 (a)
3.	Total Project land Area	21294 sqm
4.	Built-up Area	57634 sqm
5.	No. of Flats	614 flats
6.	Population	3070 Persons

- The area of the site has been earmarked as residential area in Master Plan.
- The project proponent submitted a NOC from DFO, SAS Nagar Mohali for construction of approach road to the proposed group housing project vide letter no. 1069 dated 09.05.2017 wherein it has been mentioned that approach road to the site to be developed by M/s Virtue Land Developers for proposed group housing project is to be laid at KM 17.600 (RHS), NH-21, on Kharar-Kurali Road, Daunmajra, Kharar. The Govt. of India vide its letter no.9-PBC339/2015-CHA dated 20.08.2015 has granted permission for widening of this road and with this permission, the portion of Kharar-Kurali-Ropar Road has been diverted due to which neither the forest land / tree is affected nor the section 4-5 of PLPA,1900 are applicable to the revenue where the construction of approach road to the proposed group housing

project has been proposed.

- The project proponent submitted a NOC from NHAI vide letter no.42 dated 21.06.2017 wherein access to private property of M/s Virtue Land Developers located at Kharar-Kurali Road, NH-21(New NH-205) in the Village Radiala & Village Daunmajra, Kharar at 17.60 KM (RHS) has been granted subject to the conditions mentioned therein.
- The total water requirement will be 414 KLD which includes fresh water requirement @ 276 KLD. The fresh water requirement will be met through own tubewell.
- The total wastewater generation from the project will be 331 KLD, 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@298 KLD will be used in three different seasons as under:

  In summer season, the project proponent has proposed to utilize 138 KL/day of treated wastewater for flushing purpose, 24KLD for green area & 136 KLD onto land for irrigation till they get sewer connection from MC. In winter season, 138 KL/day of treated wastewater for flushing purpose, 8 KLD for green area &152 KLD onto land for irrigation till they get sewer connection from MC. In rainy season, 138 KL/day of treated wastewater for flushing purpose, 4 KLD for green area & 156 KLD onto land for irrigation till they get sewer connection from MC. The location of existing sewer of MC Kharar from its project site on layout plan has not been marked by the project proponent.

  The project proponent has submitted a copy of agreement done between M/s Virtue Land Developers Private Limited & Sh. Darshan Singh S/o Sh. Piyara Singh , Resident of Village Khanpur, Tehsil Khara, SAS Nagar for land measuring 19 bighe 4 biswe wherein the promoter company can discharge its treated waste water onto land for irrigation from 01.12.2017 to 31.10.2018.
- About 4348 sqm area has been earmarked for green area development at site.
- The project proponent has submitted that they will discharge treated waste water onto land for irrigation till they get sewer connection from MC.

- The total quantity of solid waste generation will be 1228 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 & collected through chute system. Biodegradable waste will be composted through Mechanical Composter. The non-biodegradable waste & Recyclable waste will be sold to authorized venders. Inert waste will be sent to Municipal dumping site.
- The total load of electricity required for said project will be 3200 KW which will be taken from the PSPCL. There is a proposal to install silent 5 nos. DG Sets (1 X 500 KVA, 2X 240 KVA & 2 x 125 KVA) as stand-by arrangement.
- The project proponent has also proposed to provide rain water harvesting pits to recharge the rain water.
- Solar energy will be used for street light as well as in the parks in phased manner.
- LED lamps and energy efficient electrical gadgets shall be used.
- As per the energy saving detail, total energy saved per day will be 261 KW/h.
- 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.
- Director of the company will be responsible for implementation of EMP till the handing over of the project to MC or association of residents.
- For implementation of EMP, Rs. 96 lacs as capital cost, Rs. 8 lacs as recurring cost & Rs. 5.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred in construction phase whereas in operation phase, Rs. 10.5 lacs as recurring cost, Rs. 6.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred.
- The project proponent has proposed to spend Rs. 5 lacs towards CSR activities and Director of the company will be responsible for its implementation. The list of activities are as under: -

a) Providing jobs to nearby people will be given priority

b) Widening of road in the vicinity of the project.

c) Providing toilets in government schools

d) Parks will be maintained in MC Zirakpur

e) Environmental Awareness Camps in the 10 km area.

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

1.	Properly filled Form 1 & 1A	Yes
2.	(a) **In case(s) where land has already been purchased/acquired:** Proof of ownership of land (b) **In case where land is yet to be purchased/acquired:** Proof of ownership of land (existing owner) such as copy of latest Jamabandi (not more than one month old) and credible document showing status of land acquisition w.r.t. project site as prescribed in OM dated 07.10.2014 issued by MoEF)	copy of registry 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	i. Marked ii. Marked

	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	iii. Marked iv. Marked v. Marked vi. Marked vii. Marked viii. Marked ix. Marked
9.	Permission of Competent Authority for; a) Water and Sewerage connection A letter from concerned Local Body/Authority giving details about existing status of sewer connectivity and availability of water supply in the area and acceptance of Local Body for taking the quantity of sewage to be generated by the proposed project and providing the water supply. Existing position of public sewer and water supply line duly marked on the lay out map/plan. b) Collection of Solid waste.	a) The project proponent has submitted that they will discharge treated waste water onto land for irrigation till they get sewer connection from MC.. b) Solid waste will be collected separately as biodegradable and Non-biodegradable waste as per the MSW Rules, 2016 and the waste will be segregated & collected through chute system. Biodegradable waste will be composted through Mechanical Composter. The non-biodegradable waste &Recyclable waste will be sold to authorized venders. Inert waste will be sent to Municipal dumping site.
10.	Water balance chart for summer, rainy and winter seasons indicating critical	Submitted

	requirements.	
11.	Availability of adequate land for use of treated sewage and plantation.	The project proponent has proposed to use treated waste water onto land for irrigation till they get sewer connection from MC.
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: seac_pb@yahoo.com 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 at least one groundwater sample from the said aquifer should be monitored and reports be attached accordingly. (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	Submitted and concentration of all the parameters are within the prescribed limits.

	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 all undertakings
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)Director of the company will be responsible for implementation of EMP till the handing over of the project to MC or association of residents. e) Rs. 96 lacs as capital cost, Rs. 8 lacs as recurring cost & Rs. 5.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred in construction phase whereas in operation phase, Rs. 10.5 lacs as recurring cost, Rs. 6.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred. f) Director of the

		company will be responsible for implementation of EMP till the handing over of the project to MC or 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.	The project proponent has proposed to spend 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) Providing jobs to nearby people will be given priority b) Widening of road in the vicinity of the project. c) Providing toilets in government schools d) Parks will be maintained in MC Zirakpur e) Environmental Awareness Camps in the 10 km area
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	Not applicable

	report of earlier granted environmental clearance conditions verified by Northern Regional Office of Ministry of Environment, Forests & Climate Change, Chandigarh.	
22.	Copy of presentation to be made before the SEAC at the time of appraisal in PDF format having size less than 25 MB.	Submitted
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.	**For expansion projects:** i. All the columns in the application form may be got filled in three parallel columns i.e. Existing, Proposed and Total. ii. In case of increase in no. of storeys, Structural Safety/ Stability Certificate may be required from the Approved Engineer. iii. The existing building plan may be got super imposed with the proposed building plan and be marked in different colors. iv. Specify the adequacy of internal water supply system, sewer line and STP for the proposed expansion/revision.	Not Applicable
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	Not Applicable

	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.	

Environmental Engineer, PPCB, RO, Mohali was requested vide email dated 15.12.2017 to send the latest construction status of the project site. The status report was awaited.

The case could not be taken up due to paucity of time. The SEAC decided to defer the case & to take up the same in its next meeting.

In the meanwhile, report from Environmental Engineer, PPCB, RO, Mohali has been received vide letter no. 5772 dated 19/12/2017 and it has been reported that the proposed site of the project was visited by AEE on 15.12.2017 and Sh. Harpreet Kaushik, representative of the promoter company was contacted. During the visit, it was observed as under:

a) The proposed site of the promoter company is located on Kharar-Kurali Road, Kharar, SAS Nagar. As per the boundaries of the proposed site shown by the representative of the promoter company, the project is abutting to the Kharar-Kurali road on one side, Nirankari Bhawan on second side and agricultural fields on remaining two sides.
b) The promoter company was in the process of construction of boundary wall along the boundary of the project.
c) One guard room has been constructed at the site of the project and no construction activity of the main project has been started at the site of the project (picture attached).


Shot on OnePlus


Shot on OnePlus

Guard room constructed at the site

The case could not be taken up due to paucity of time. The SEAC decided to defer the case & to take up the same in its next meeting.

The case is placed before the SEAC for consideration.

Item no.162.04: Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely Marbella Grand located in IT city, Sector 82 Alpha, Mohali as Group Housing Site No.3 by M/s SRG Developers & Promoters, Bay Shop No 17, MW Market, Industrial Area Phase I, Mohali Proposal No. SIA/PB/NCP/72566/2018

The facts of the case are as under: -

M/s SRG Developers & Promoters has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely Marbella Grand located in IT city, Sector 82 Alpha, Mohali as Group Housing Site No.3. 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:

Sr.no.	**Project Details**	
1.	Type of Project	Group Housing
2.	Category	8 (a)
3.	Total Project land Area	45037 sqm
4.	Built-up Area	144580 sqm
5.	No. of Flats	704 flats
6.	Population	3520 Persons

- The area of the site has been kept for general industry & warehouse in Master Plan.
- The total water requirement will be 780 KLD which includes domestic water demand@704 and green area demand@76 KLD. The fresh water requirement @ 546 KLD will be met through own tubewell and remaining 158 KLD will be met through recycling of treated wastewater. The treated waste water from STP of GMADA will be used during construction stage of the project.
- The total wastewater generation from the project will be 563 KLD, which will be treated in a STP (based on SBR technology) of capacity 600 KLD (calculated on waste water generation@ 200 ltr per capita) to be installed at project site including wet weather flow. The treated waste water @563 KLD will be used in three different seasons as under:

- In summer season, the project proponent has proposed to utilize 158 KLD of treated wastewater for flushing purpose, 76 KLD for green area & 329 KLD will be discharged into GMADA sewer. In winter season, 158 KLD of treated wastewater for flushing purpose, 21 KLD for green area & 384 KLD will be discharged into GMADA sewer. In rainy season, 158 KLD of treated wastewater for flushing purpose, 8 KLD for green area & 397 KLD will be discharged into GMADA sewer.
- About 13848 sqm area has been earmarked for green area development at site. Only herbal pesticides will be used for gardening purposes and usage of chemicals will be avoided. Ornamental trees with spreading branches and shade shall be planted in parks.
- Two number of ground water samples have been collected i.e. from depth of 310 ft (deep aquifer) and from depth of 50 ft (shallow aquifer) & analysis report revealed that concentration of different parameters were within the permissible limits as prescribed in the IS: 10500. Even the concentration of different parameters in ambient air was within the permissible limits as prescribed in the NAAQM. The noise levels during noise level monitoring carried out at site during day time and night time were within the permissible limits. Hence, there is meager contribution in the noise pollution in the vicinity.
- The project proponent has submitted a copy of allotment letter issued by GMADA, PUDA Bhawan Mohali vide memo no. 2452 dated 16.01.2018 wherein allotment has been issued to M/s SRG Developers & Promoters for establishing Group Housing Project as Group Housing Site No.3 in IT city, Sector 82 Alpha, Mohali. The GMADA will provide treated waste water for construction purposes and will also provide the same water for flushing purposes subject to the condition that the allottee shall provide the dual plumbing provision in its project. It has been further mentioned that allotee is entitled for the sewer & storm water connection in the main sewer & storm network developed by GMADA.

- The area of proposed project is under planning of GMADA and GMADA will

provide the basic amenities like water supply, sewerage system and storm water system.

- The total quantity of solid waste generation will be 1408 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 & collected through chute system. Biodegradable waste will be composted through Mechanical Composter. The non-biodegradable waste & Recyclable waste will be sold to authorized venders. Inert waste will be sent to Municipal dumping site.
- The total load of electricity required for said project will be 3900 KW which will be taken from the PSPCL. There is a proposal to install silent 5 nos. DG Sets (2X 500 KVA , 1x 240 KVA & 2 X 125 KVA) as stand-by arrangement.
- Total collection of rain water in a year has been estimated as 19724 cum/yr over area of 45037 sqm (includes roof top@ 13741 sqm, green area@13848 sqm & roads & paved area @17448 sqm) by taking annual rainfall @770 mm and 1290 cum/yr by taking peak rain fall @50 mm in one hour. Accordingly, eleven number of rain water harvesting pits (with infiltration rate of 10 lps each) have been proposed to recharge the rain water as per norms of CGWA.
- Storm Water drainage system & collection system, screening at the inlet, Oil & Grease Trap-cum-desilting chamber, filtration chamber & shallow impoundment will be provided for managing storm water other than roof top. The recharge well casing will be capped from the top so as to prevent direct overflow of storm water into the recharge well. The storm water other than roof top which will be available has been estimated as 360 m3 by taking rainfall intensity as 100 mm in two days with run off coefficient as 0.2 & area @40% of total site area. Shallow unlined surface impoundments (with graded gravel packing allowing for natural gravity seepage) capable of storing 400 m3 of water will be provided. This water will be used for construction purposes.
- Solar energy will be used for street light as well as in the parks in phased manner. LED lamps and energy efficient electrical gadgets shall be used. As per the energy saving detail, using 20 solar lights, 800 LED bulbs in common

area & solar water heaters of 500 ltr, total energy saved per day will be 492 KW/h. 30 % of the total roof top area i.e. 0.30 x 13741 sqm = 4122 sqm will be used for generation of solar power@ 410 KW.

- Used oil to be generated from the DG sets will be stored in HDPE tanks and sold to the authorized recyclers.
- General Manager (Projects) will be responsible for implementation of EMP in Construction Phase and Partner of the Company in Operation Phase till the handing over of the project to GMADA or association of residents.
- For implementation of EMP, Rs. 143.5 lacs as capital cost, Rs. 9.75 lacs as recurring cost & Rs. 5.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred in construction phase whereas in operation phase, Rs. 12.5 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 spend Rs. 10 lacs for providing open GYM in park of Phase 11, Mohali as a part of CSR activity. The Partner of the company will be responsible for its implementation.

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

1.	Properly filled Form 1 & 1A	Yes
2.	(a) In case(s) where land has already been purchased/acquired: Proof of ownership of land (b) In case where land is yet to be purchased/acquired: Proof of ownership of land (existing owner) such as copy of latest Jamabandi (not more than one month old) and credible document showing status of land acquisition w.r.t. project site as prescribed in OM dated 07.10.2014 issued by MoEF)	copy of allotment letter 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	Submitted

	the project.	
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; a) Water and Sewerage connection A letter from concerned Local Body/Authority giving details about existing status of sewer connectivity and availability of water supply in the area and acceptance of Local Body for taking the quantity of sewage to be generated by the proposed project and providing the water supply. Existing position of public sewer and water supply line duly marked on the lay out map/plan. b) Collection of Solid waste.	a) Submitted a copy of allotment letter from GMADA, PUDA Bhawan Mohali. b) Submitted 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. Biodegradable waste will be sent to approved site. Biodegradable waste will be composted through

		Mechanical Composter. The non-biodegradable waste & Recyclable waste will be sold to authorized venders. Inert waste will be sent to Municipal dumping site.
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 as GMADA sewer exists in 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: seac_pb@yahoo.com 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	Submitted and concentration of all the parameters are within the prescribed limits.

	and in case groundwater is to be abstracted for drinking purposes then at least one groundwater sample from the said aquifer should be monitored and reports be attached accordingly. (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.	
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 all undertakings
17.	Environmental Management Plan indicating the following: a) All mitigation measures for each item-wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project. b) Compliance of various environmental regulations c) Steps to be taken in case of emergency such as accidents at the site including fire. d) For how long period the project proponent will be responsible for implementation of EMP and the name of the person(s) responsible for implementation of EMP.	a) submitted b) submitted c) submitted d) General Manager (Projects) will be responsible for implementation of EMP in Construction Phase and Partner of the Company in Operation Phase till the handing over of the project to GMADA or association of residents. e) Rs. 143.5 lacs as capital cost, Rs. 9.75 lacs as recurring cost & Rs.

	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.	5.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred in construction phase whereas in operation phase, Rs. 12.5 lacs as recurring cost, Rs. 6.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred. f) General Manager (Projects) will be responsible for implementation of EMP in Construction Phase and Partner of the Company in Operation Phase till the handing over of the project to GMADA or 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.	The project proponent has proposed to spend Rs. 10 lacs for providing open GYM in park of Phase 11, Mohali as a part of CSR activity.
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	Not applicable

	clearance conditions verified by Northern Regional Office of Ministry of Environment, Forests & Climate Change, Chandigarh.	
22.	Copy of presentation to be made before the SEAC at the time of appraisal in PDF format having size less than 25 MB.	Submitted
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.	**For expansion projects:** i. All the columns in the application form may be got filled in three parallel columns i.e. Existing, Proposed and Total. ii. In case of increase in no. of storeys, Structural Safety/ Stability Certificate may be required from the Approved Engineer. iii. The existing building plan may be got super imposed with the proposed building plan and be marked in different colors. iv. Specify the adequacy of internal water supply system, sewer line and STP for the proposed expansion/revision.	Not Applicable
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	Not Applicable

	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.	

Environmental Engineer, PPCB, RO, Mohali was requested vide email dated 07.02.2018 to send the latest construction status of the project site. The status report is awaited.

The case is placed before the SEAC for consideration.

Item no.162.05: Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely Gateway of Dreams located at Village Nabha, Zirakpur, Dera Bassi,S.A.S Nagar Mohali by M/s SBP Dream City (P) Ltd., Santemajra Road, Kharar Proposal No. SIA/PB/NCP/71372/2017

The facts of the case are as under:-

M/s SBP Dream City (P) Ltd. has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely Gateway of Dreams at Village Nabha, Zirakpur, Dera Bassi, S.A.S Nagar Mohali. 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:

Sr.no.	**Project Details**	
1.	Type of Project	Group Housing
2.	Category	8 (a)
3.	Total Project land Area	15583 sqm
4.	Built-up Area	35377 sqm
5.	No. of Flats / Shops	264 flats / 8 shops
6.	Population	1336 Persons

- The area of the site has been earmarked as residential area in Master Plan.
- The total water requirement will be 199 KLD which includes fresh water requirement @ 140 KLD. The fresh water requirement will be met through own tubewell.
- The total wastewater generation from the project will be 159 KLD, which will be treated in a STP of capacity 175 KLD to be installed at project site including wet weather flow. The treated waste water 159 KLD will be used in three different seasons as under:

  In summer season, the project proponent has proposed to utilize 59 KLD of treated wastewater for flushing purpose, 16KLD for green area & 84KLD will be discharged into MC sewer. In winter season, 59 KLD of treated wastewater for flushing purpose, 4 KLD for green area & 96KLD will be

discharged into MC sewer. In rainy season, 59 KLD of treated wastewater for flushing purpose, 2KLD for green area & 98KLD will be discharged into MC sewer.

- About 2831 sqm area has been earmarked for green area development in the site.
- The project proponent has submitted letter no. 4185/BB dated 22/11/2017 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 project proponent has submitted letter no.4311/BB dated 30/11/2017 issued by EO, MC, Zirakpur wherein it has been mentioned that 210KLD 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. The project proponent has marked the location of existing sewer of MC, Zirakpur from its project site as 630 m on layout map.
- The total quantity of solid waste generation will be 531 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 & collected through chute system. The project proponent has also proposed to provide mechanical composter. The non-biodegradable waste & Recyclable waste will be sold to authorized venders. Inert waste will be sent to Municipal dumping site.
- The total load of electricity required for said project will be 1450 KW which will be taken from the PSPCL. There is a proposal to install silent 5 nos. DG Sets (2X 240 KVA & 3 x 125 KVA) as stand-by arrangement.
- The project proponent has also proposed to provide rain water harvesting pits to recharge the rain water.
- Solar energy will be used for street light as well as in the parks in phased manner.
- LED lamps and energy efficient electrical gadgets shall be used.
- As per the energy saving detail, total energy saved per day will be 153 KW/h.

- 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.
- General Manager of the company will be responsible for implementation of EMP till the handing over of the project to MC or association of residents.
- For implementation of EMP, Rs. 71.50 lacs as capital cost, Rs. 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 whereas in operation phase, 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 Director of the company will be responsible for its implementation. The list of activities are as under: -

a) Providing jobs to nearby people will be given priority
b) Widening of road in the vicinity of the project.
c) Providing toilets in government schools
d) Parks will be maintained in MC Zirakpur
e) Environmental Awareness Camps in the 10 km area.

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

1.	Properly filled Form 1 & 1A	Yes
2.	(a) **In case(s) where land has already been purchased/acquired:** Proof of ownership of land (b) **In case where land is yet to be purchased/acquired:** Proof of ownership of land (existing owner) such as copy of latest Jamabandi (not more than one month old) and credible document showing status of land acquisition w.r.t. project site as prescribed in OM dated 07.10.2014 issued by MoEF)	copy of letter of consent and 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 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; a) Water and Sewerage connection A letter from concerned Local Body/Authority giving details about existing status of sewer connectivity and availability of water supply in the area and acceptance of Local Body for taking the quantity of sewage to be generated by the proposed project and providing the water supply. Existing position of public sewer and	a) Submitted a copy of permission letter from MC, Zirakpur. b) Submitted a copy of permission letter from MC, Zirakpur.

	water supply line duly marked on the lay out map/plan. b) Collection of Solid waste.	
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 as Municipal sewer exists in 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: seac_pb@yahoo.com 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 at least one groundwater sample from the said aquifer should be monitored and reports be attached accordingly.	Submitted and concentration of all the parameters are within the prescribed limits.

	(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.	
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 all undertakings
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	a) submitted b) submitted c) submitted d) General Manager of the company will be responsible for implementation of EMP till the handing over of the project to MC or association of residents. e) Rs. 71.50 lacs as capital cost, Rs. 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 whereas in operation phase, Rs. 10.50 lacs as recurring cost, Rs. 6.90 lacs /annum for

	lapse of the period for which the project proponent is responsible.	monitoring of air, noise & water as recurring cost will be incurred. f) General Manager of the company will be responsible for implementation of EMP till the handing over of the project to MC or 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.	The project proponent has proposed to spent Rs. 5 lacs towards CSR activities and Director of the company will be responsible for its implementation. The list of activities are as under: - a) Providing jobs to nearby people will be given priority b) Widening of road in the vicinity of the project. c) Providing toilets in government schools d) Parks will be maintained in MC Zirakpur e) Environmental Awareness Camps in the 10 km area
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	Not applicable

	report of earlier granted environmental clearance conditions verified by Northern Regional Office of Ministry of Environment, Forests & Climate Change, Chandigarh.	
22.	Copy of presentation to be made before the SEAC at the time of appraisal in PDF format having size less than 25 MB.	Submitted
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.	**For expansion projects:** i. All the columns in the application form may be got filled in three parallel columns i.e. Existing, Proposed and Total. ii. In case of increase in no. of storeys, Structural Safety/ Stability Certificate may be required from the Approved Engineer. iii. The existing building plan may be got super imposed with the proposed building plan and be marked in different colors. iv. Specify the adequacy of internal water supply system, sewer line and STP for the proposed expansion/revision.	Not Applicable
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	Not Applicable

	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.	

Environmental Engineer, PPCB, RO, Mohali was requested vide email dated 14.12.2017 to send the latest construction status of the project site. The Environmental Engineer, PPCB, RO, Mohali vide his letter no. 5735 dated 18.12.2017 has intimated that the site of the project was visited by AEE on 15.12.2017 and Sh Amit Jain, site incharge of the promoter company and Sh Deepak Kumar, Civil Engineer of the promoter company were contacted and they have shown the location of the site of the project. Further, it was observed that the construction activity of the one structure was almost completed at the site. The site incharge of the promoter company informed that the same has been constructed in the area reserved for the commercial showrooms. Further, the site plan shown during the visit has also been perused and from the same it was inferred that the site where the construction had been carried out has been shown as area reserved for commercial in the site plan, however, no structure has been drawn in the site plan where the construction had been carried out by the promoter company. Therefore, it is not clear that the area, where the construction has been carried out, is a part of the project or not. Furthermore, the site of the project abuts to the Zirakpur Patiala Road on one side and marriage palace on other side.

The case was considered by the SEAC in its 160th meeting held on 22.12.2017, which was attended by the following on behalf of the project proponent:

(i) Sh. Chandan Goyal, Legal Head, Promoter Company

(ii) Sh. Sital Singh, CEO, M/s CPTL, Chandigarh, Environment consultant of the promoter company.

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

Sh. Chandan Goyal submitted an authority letter wherein he alongwith Sh. Deepak Gupta, Environmental Advisor have been authorized by Sh. Rahul Jain, Director of the Promoter Company to attend the meeting of SEAC 22.12.2017..The same was taken on record by the SEAC.

From the perusal of visit report sent by EE, Punjab Pollution Control Board, RO, Mohali, the SEAC observed that it is not clear as to whether any construction has been carried out at the project site by the project proponent or the construction activity of the one structure, which is almost complete, is part of the project or not. Therefore, SEAC decided that a team of following members of SEAC i.e. Sh. N.S. Kahlon & Sh. Deepak Sethi alongwith concerned AEE of Punjab Pollution Control Board, RO, Mohali who had earlier visited the site, will visit the proposed site and submit report within fifteen days so that further action in the matter could be taken.

The case be placed in the next meeting of SEAC after the report from the Committee is received.

Accordingly, the decision of the SEAC was conveyed to the said SEAC Members vide letter no. 21-22 dated 04.01.2018 with a request to visit the site & copy of the same was endorsed to Environmental Engineer, PPCB, Regional Office, Mohali vide endst no. 23 dated 04.01.2018 to depute the concerned AEE who had earlier visited the site. Further, aforesaid letter containing decision of SEAC was sent through an email dated 04.01.2018 to submit the report so that further action in the matter can be taken.

Thereafter, visit report was received through email on 14.01.2018 from said SEAC member and the contents of visit report are reproduced as under:-

"In reference to letter no SEAC/2018/21-22 dated 4/01/2018 regarding above cited subject, it is stated that undersigned visited the above site on 11/01/2018. During our visit to above proposed site, AEE, PPCB, RO Mohali and Mr. Sahil Bansal, applicant of the above proposed project were present. Mr. Sahil informed that area where construction activity of structure existing as reported is located in the site plan showing area reserved for commercial. This area is not a part of the proposed site area and proposed project site covering an area 15583

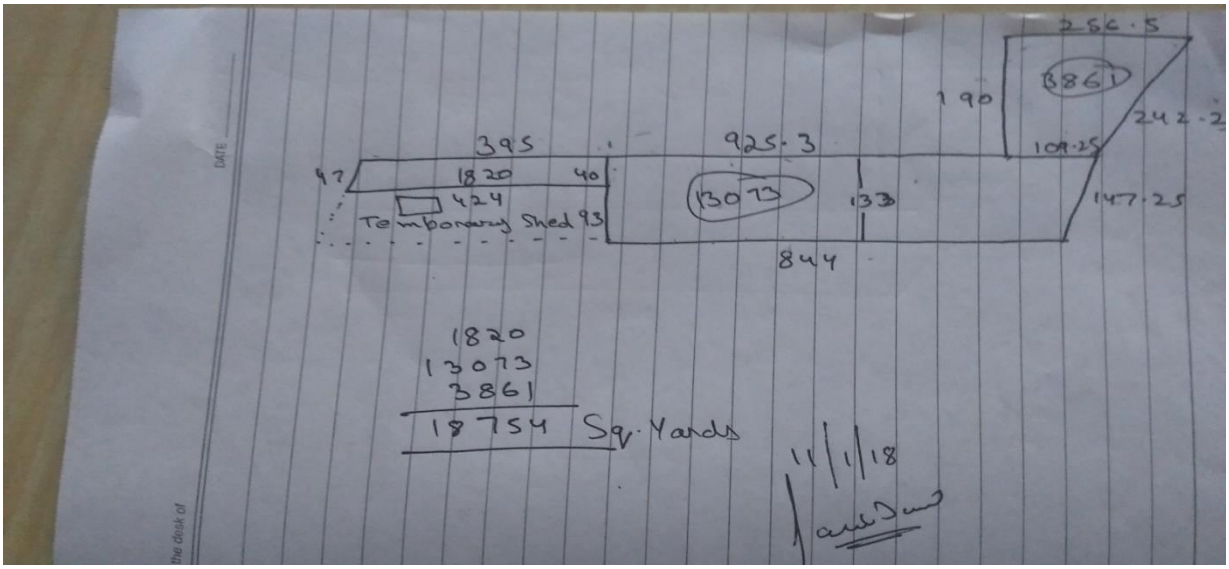
sq.mts is without any structure. On the basis of documents of proposed project provided by your office, discussion held with applicant and physical measurement of the land, following observations were made:

- Site plan is not marked with project site area boundary, required dimensions to calculate the total area of the project site and without any authorised signature.
- Construction activity of structure is existed on the ground as reported earlier. This is located at the area marked on the Site Plan with reserved for commercial. Photos of the site taken during visit are being enclosed.
- To verify the facts as made by the applicant, physical measurement of the remaining land of the Site Plan was undertaken. It was found that total area measured is approximately equal to total project site area of 15583 sq.mt/ 18637 sq. yards. This area is without any structure. Construction of boundary wall is under progress. Rough map marked with dimensions & calculation of proposed project area drawn by applicant is being enclosed for perusal please.

On the basis of above details, it is suggested that applicant may be directed to add the following details on the existing site plan:

1. Clearly marking of proposed project site area with distinct colour.
2. Marking of all the required dimensions that the total project area can be calculated from site plan.
3. Marking of all existing structures.
4. Site plan may be duly signed by the Authorized person. "

The Rough map marked with dimensions & calculation of proposed project area drawn by applicant is shown below:-



The photographs taken during visit to the project site by the said SEAC Members are shown below:-

The case was considered by the SEAC in its 161st meeting held on 16.01.2018, which was attended by the following on behalf of the project proponent:

(i) Sh. Chandan Goyal, Legal Head, Promoter Company

(ii) Sh. Sital Singh, CEO, M/s CPTL, Chandigarh, Environment consultant of the promoter company.

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

Sh. Chandan Goyal submitted an authority letter wherein he alongwith Sh. Deepak Gupta, Environmental Advisor have been authorized by Director of the Promoter Company to attend the meeting of SEAC 16.01.2018.The same was taken on record by the SEAC.

From the perusal of visit report of the Committee of visiting SEAC Members, the SEAC observed that the following clarifications are required to be submitted by the project proponent:-

1. Clearly marking of proposed project site area with distinct colour.
2. Marking of all the required dimensions that the total project area can be calculated from site plan.
3. Marking of all existing structures.
4. Site plan may be duly signed by the Authorized person.

To this observation of SEAC, the project proponent submitted a copy of site plan duly signed by the Authorized person showing existing structures, dimensions of all the sides of the proposed residential project and of commercial project marked with different colors. The project proponent further contended that as per Bye-Laws of Department of Local Government, Punjab, the commercial project cannot be a part of a residential project. The site plan was taken on record by the SEAC and it was concluded that as per the measurements at site, the shopping area i.e. commercial plot is outside the area kept for group housing project for which the project proponent has applied to obtain Environment Clearance.

After detailed deliberation, the SEAC decided to ask the project proponent to submit all documentary evidences to prove that the commercial project is not a part of the residential project for which environmental clearance has been applied.

The Project Proponent was requested vide letter no. 144 dated 30.01.2018 to submit all documentary evidences to prove that the commercial project is not a part of the residential project for which environmental clearance has been applied. So that Further action the matter can be taken.

The Project Proponent vide letter dated 02.02.2018 has submitted reply online wherein, project proponent has attached the copy of request letter for obtaining CLU separately for its residential as well as commercial project.

The case is placed before the SEAC for consideration.

Item no.162.06: Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely Escon Primera located at Chatt, Zirakpur, Dera Bassi, S.A.S Nagar Mohali by M/s Malwa Projects (P) Ltd., H.No 3439, Sector 27 D, Chandigarh Proposal No. SIA/PB/NCP/71464/2017

The facts of the case are as under:

M/s Malwa Projects (P) Ltd. has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely Escon Primera located at Chatt, Zirakpur, Dera Bassi, S.A.S Nagar Mohali. The project is covered under category building construction 8 (a) of the Schedule appended to the said notification.

On scrutinizing the application, following essential details were sought online to which the project proponent has replied as under:-

Sr. NO.	**EDS raised online**	**Reply submitted by Project Proponent**
1.	Quantity of treated waste to be discharged in the sewer has not been mentioned in the letter issued by the MC Zirakpur.	The project proponent has submitted one line reply stating that the M.C. has given open permission for the discharge of sewage into the M.C. sewer. However, in the M.C. Zirakpur letter, no quantity of treated wastewater to be allowed into the sewer has been mentioned.

Environmental Engineer, PPCB, RO, Mohali was requested vide email dated 14.12.2017 to send the latest construction status of the project site. The Environmental Engineer, PPCB, RO, Mohali vide his letter no. 5733 dated 18.12.2017 has intimated that the site of the project was visited by the AEE of the office on 15.12.2017. Sh Rahul Jain, Director of the promoter company was contacted and he has shown the location of the site of the project. Further, it was observed that no construction activity has been started at the site and the barbed fencing has been done earmarking the boundary of the project. Furthermore, there is one marriage

palace namely M/s Dream Palm Resorts on the back side of the project within 100 m radius of the project site. On front side there is Aerocity road leading to Zirakpur. There is no air polluting unit within a radius of 500 m from the proposed site of the project.

The case was considered by the SEAC in its 160th meeting held on 22.12.2017, which was attended by the following on behalf of the project proponent:

(i) Sh. Bhavia Misra, Project Manager, Promoter Company

(ii) Sh. Sital Singh, CEO, M/s CPTL, Chandigarh, Environment consultant of the promoter company.

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

Sh. Bhavia Misra submitted an authority letter wherein he alongwith Sh. Deepak Gupta, Environmental Advisor have been authorized by Sh. Rahul Jain, Director of the Promoter Company to attend the meeting of SEAC 22.12.2017.The same was 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: -

Sr.no.	**Project Details**	
1.	Type of Project	Group Housing
2.	Category	8 (a)
3.	Total Project land Area	44835 sqm
4.	Built-up Area	116509 sqm
5.	No. of Flats / Shops	756 flats / 21 shops
6.	Population	3822Persons

- The project proponent has submitted a permission for change of land use for land measuring 11.135 acres for their group housing project from STP, SAS Nagar vide Memo no. 209 dated 10.10.2017 as the site falls in notified Regional Plan, GMADA.
- The total water requirement will be 512 KLD which includes fresh water requirement @ 342 KLD. The fresh water requirement will be met through

own tubewell.

- The total wastewater generation from the project will be 410 KLD, which will be treated in a STP of capacity 425 KLD to be installed at project site including wet weather flow. The treated waste water @410 KLD will be used in three different seasons as under:
- In summer season, the project proponent has proposed to utilize 170 KL/day of treated wastewater for flushing purpose, 53KLD for green area & 187KLD will be discharged into MC sewer. In winter season, 170 KLD of treated wastewater for flushing purpose, 19 KLD for green area & 221KLD will be discharged into MC sewer. In rainy season, 170 KL/day of treated wastewater for flushing purpose, 5KLD for green area & 235KLD will be discharged into MC sewer.
- About 9661 sqm area has been earmarked for green area development in the site.
- The project proponent has submitted letter no. 4188/BB dated 22/11/2017 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 project proponent has submitted letter no. 4189/BB dated 22/11/2017 issued by EO, MC, Zirakpur wherein it has been mentioned that 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.
- The total quantity of solid waste generation will be 1521 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. Biodegradable waste will be sent to approved site. The project proponent has also proposed to provide mechanical composter. The non-biodegradable waste & Recyclable waste will be sold to authorized venders. Inert waste will be sent to Municipal dumping site.
- The total load of electricity required for said project will be 4000 KW which will be taken from the PSPCL. There is a proposal to install silent 5 nos. DG

Sets (1X 500 KVA, 2X 240 KVA & 2 x 125 KVA) as stand-by arrangement.

- The project proponent has also proposed to provide rain water harvesting pits to recharge the rain water.
- Solar energy will be used for street light as well as in the parks in phased manner.
- LED lamps and energy efficient electrical gadgets shall be used.
- As per the energy saving detail, total energy saved per day will be 438 KW/h.
- 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.
- Director of the company will be responsible for implementation of EMP till the handing over of the project to MC or association of residents.
- For implementation of EMP, Rs. 126.5 lacs as capital cost, Rs. 11 lacs as recurring cost & Rs.5.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred in construction phase whereas in operation phase, Rs. 12.5 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 Director of the company will be responsible for its implementation. The list of activities are as under: -

a) Providing jobs to nearby people will be given priority
b) Widening of road in the vicinity of the project.
c) Providing toilets in government schools.
d) Parks will be maintained in MC Zirakpur
e) Environmental Awareness Camps in the 10 km area.

The SEAC observed that the following clarifications/documents are required to be submitted by the project proponent before its case is considered:-

Sr. no.	Observations
1.	The project proponent has to submit the copy of location plan of the site viz-a-viz master plan of the area.
2.	The project proponent has taken water consumption @ 150 ltrs per capita instead of 200 ltrs and has also submitted the treatment & disposal arrangements scheme for treated waste generation@ 135 ltrs instead of 200 ltrs ignoring the fact that in and around Mohali, the SEIAA has decided that water consumption calculation for residents and waste water disposal calculation should be calculated @200 ltrs per capita. To this observation, the project proponent submitted that they face problem while applying for obtaining permission for abstraction of ground water from CGWA, Delhi as the Authority rejects their application for taking water consumption per capita more than 135 ltrs. Therefore, SEAC decided that water consumption calculation may be taken @ 135 ltrs per capita and waste water generation be calculated @ 200 ltrs per capita for the purpose of providing treatment & disposal facilities for the treated waste water.
3.	The project proponent has to submit the design & maintenance plan for recharging of ground water. The recharge well design should be site specific with the details of the total number of recharge wells to be provided.
4.	Declaration to the effect that chemicals will not be used in lawns as well as for horticulture/gardening purposes and only herbal pesticides and fertilizers will be used.
5.	The project proponent has kept Rs. 5 lac as an amount to be spent under CSR activity which is too less in comparison to the 2% of project cost. The Project proponent agreed to enhance the amount to be spent on CSR activities from Rs. 5 lac to Rs. 10 lac. The SEAC further told the project proponent that instead of spending it on different activities making it complicated, specific plan be submitted so that utilization of funds under

	CSR be take place in proper manner.
6.	The project proponent has proposed to provide STP with MBBR technology. The SEAC observed that SBR Technology is preferred over MBBR technology.
7.	The SEAC observed that the source of water to be used for construction purpose has not been mentioned and desired that only treated waste water should be used for construction activities.
8.	The project proponent has to submit the details of storm water management plan during implementation of EMP in construction phase.
9.	The project proponent has submitted that MC sewer exists at a distance of798m and GMADA sewer @660 m from the project site. However, till date, no sewer pipe line has been laid by any of the authorities though permission has been given by the MC, Zirakpur to the project proponent to discharge its treated waste water as & when sewer is laid in the proposed area. The SEAC observed that in the letter issued by MC Zirakpur, no mention of timeline regarding laying of sewer line in the area has been made, thus it is uncertain that when sewer will come up in the area where project site is located. The project proponent in reply said that they will provide the sewer line from the project site to the main sewer line. Thus, SEAC decided that the project proponent will submit the letter from MC, Zirakpur to the effect that they have proposal to lay down the sewer line in the area of project site and the timeline to provide the same.

After deliberations, the SEAC decided that the case be deferred till such time the documents /clarifications are submitted by the project proponent.

Now, the project proponent has submitted the reply of observations online and is reproduced as under:-

1. Copy of location plan has been attached.
2. The revised water consumption calculations & waste water generation calculations are as under:-

   "The total water requirement will be 565 KLD (based on per capita consumption @ 135 ltrs for residents & 45 ltrs per capita for shops) which

includes domestic water demand @512 KLD and water demand for green area @ 53KLD. The fresh water requirement @ 342 KLD & water demand for flushing purpose @170 KLD. The fresh water requirement will be met through own tubewell.

The total wastewater generation from the project will be 410 KLD, which will be treated in a STP of capacity 650 KLD to be installed at project site including wet weather flow. The treated waste water @410 KLD will be used in three different seasons as under:

In summer season, the project proponent has proposed to utilize 170 KL/day of treated wastewater for flushing purpose, 53KLD for green area & 187KLD will be discharged into MC sewer. In winter season, 170 KLD of treated wastewater for flushing purpose, 19 KLD for green area & 221KLD will be discharged into MC sewer. In rainy season, 170 KL/day of treated wastewater for flushing purpose, 5KLD for green area & 235KLD will be discharged into MC sewer.

3. No chemicals will be used instead herbal pesticides will be used.
4. Rs 10 lacs will be kept for CSR activities. It will be used for providing free books, clothes, education etc in the village Jagatpura, Zirakpur through Jeevan Mukt Nishulk Vidyalaya.
5. STP based on SBR technology will be provided.
6. Only treated waste water will be used for construction purposes and the same will be taken from the STP of MC Zirakpur.
7. The details of storm water management plan during implementation of EMP in construction phase is under:-

   "Total collection of rain water in a year has been estimated as 19900 cum/yr over area of 44835 sqm (includes roof top@ 9206 sqm, green area@9661 sqm & roads & paved area @25968 sqm) by taking annual rainfall @770 mm and 645 cum/yr by taking peak rain fall @25 mm in one hour. Accordingly, eleven number of rain water harvesting pits have been proposed to recharge the rain water as per norms of CGWA.

   The storm water other than roof top which will be available has been estimated as 358 m3 by taking rainfall intensity as 100 mm in two days with

run off coefficient as 0.2 & area @40% of total site area. Shallow unlined surface impoundments (with graded gravel packing allowing for natural gravity seepage) capable of storing 400 m3 of water will be provided. This water will be used for construction purposes."

8. The project proponent has submitted a letter no. 4875/BB dated 09.01.2018 issued by EO, MC, Zirakpur wherein it has been mentioned that the project of laying of water supply pipes & sewerage pipes is under progress and the firm can connect its 252 KLD treated waste water with MC sewer at its own cost after depositing the charges as framed by Deptt. of Local Bodies, Govt. of Punjab.

The case is placed before the SEAC for consideration.

Item no.162.07: Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely "AGI Sky Garden" in the revenue estate of Village Khajurla, Phagwara, Kapurthala, Punjabby M/s AGI Infra Ltd. C/o Jalandhar Heights 66' Road, Village Pholriwal, Jalandhar – 144022 Proposal No. SIA/PB/NCP/71431/2017

The facts of the case are as under:-

M/s AGI Infra Ltd. has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely "AGI Sky Garden" in the revenue estate of Village Khajurla, Phagwara, Kapurthala. 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:

Sr.no.	**Project Details**	
1.	Type of Project	Group Housing
2.	Category	8 (a)
3.	Total Project land Area	50585 sqm (~12.5 acres)
4.	Built-up Area	146685 sqm
5.	No. of Flats	1274 flats
6.	Population	6400 Persons

- The project proponent has submitted a Memo no. 2426 dated 27.09.2017 issued by STP, Jalandhar wherein CLU has been granted for an area measuring 12.5 acres for residential purpose under Affordable Housing Policy at Village Khajural, Tehsil Phagwara, Kapurthala subject to the conditions mentioned therein.
- The total water requirement will be 980 -1035 KLD which includes fresh water requirement @ 735 KLD. The fresh water requirement will be met through own tubewell.
- The total wastewater generation from the project will be 770 KLD, which will be treated in a STP installed by the MC / PWSSB at Bambianwali (which have already sufficient bearing capacity of sewerage discharge). The treated

waste water 770 KLD will be used in three different seasons as under:

In summer season, the project proponent has proposed to utilize 225 KL/day of treated wastewater for flushing purpose, 75 KLD for green area & 470 KLD will be discharged into MC sewer. In winter season, 225 KL/day of treated wastewater for flushing purpose, 35 KLD for green area & 510 KLD will be discharged into MC sewer. In rainy season, 225 KL/day of treated wastewater for flushing purpose, 20 KLD for green area & 525 KLD will be discharged into MC sewer.

- About 13500 sqm area has been earmarked for green area development at site.
- The project proponent has submitted Memo no. 994 dated 04.10.2017 issued by SE, Municipal Corporation Jalandhar wherein it has been mentioned that they have no objection in allowing the proposed group housing project to connect its sewerage system at NH, Near Village Khazurla with the existing main sewer nearby Bath Castle Resort till the main sewer capacity is not exceeded from the design capacity. It has been further mentioned that the project proponent shall make its own arrangement for door to door collection of garbage and transportation to the nearest dumping site of the Municipal Corporation and MC will lift the garbage from the collection centre.
- The total quantity of solid waste generation will be 3000 kg/day. The complex will have facility for segregation of solid waste into recyclable, bio-degradable and non-biodegradable components. These wastes will be collected in separate primary bins and stored for disposal. Recyclable dry waste will be sold to scrap dealers/recyclers. Biodegradable waste will be subjected to composting on-site (using mechanical composters. The non-recyclable will be disposed through MSW facility operator of MC Jalandhar.
- Solid waste will be collected separately as biodegradable and Non-biodegradable waste as per the MSW Rules, 2016 and the waste will be segregated & collected through chute system. The non-biodegradable waste & Recyclable waste will be sold to authorized venders. Inert waste will be sent to Municipal dumping site.
- The total load of electricity required for said project will be 4000 KW which

will be taken from the PSPCL. There is a proposal to install silent multiple DG Sets (1500 KVA) as stand-by arrangement.

- The project proponent has also proposed to provide rain water harvesting pits to recharge the rain water.
- Solar energy will be used for street light as well as in the parks in phased manner.
- LED lamps and energy efficient electrical gadgets shall be used.
- As per the energy saving detail, total energy saved per day will be 900 KW/h.
- 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.
- Persons responsible for implementation of the EMP
  a) Mr. Sukhdev Singh, Managing Director
  b) Mr. Ashwani Kant Aggarwal, General Manager
  c) Mr. Saranjit Singh Sahi, Deputy General Manager
  d) Mr. Virender Singh, Project Manager
- For implementation of EMP, Rs. 240 lacs in construction phase whereas in operation phase, Rs. 77 lacs/year will be incurred.
- The project proponent has submitted that they will adopt a minimum of 5 villages (but not exceeding 10), within 10 km from the project site, for its social and community development activities. The villages selected for the purpose will be through consultation with local administration and will be guided by the local needs. Presently shortlisted villages for implementation of CSR include – Kot Kalan, Salempur, Chaheru, Khajurla, Semi. The A G I Infra Ltd., Jalandhar (Punjab) commits a minimum of R 5,00,000.00 per year to be spent for CSR activities for next 5 years. The detail of activities include under their CSR are as under:-

a) Arrangement for safe drinking water

b) Public hygiene and sanitation (with special emphasis on female sanitation in rural schools)
c) Educational support – in form of scholarships, books, uniforms, computer facility in schools, etc.
d) Medical camps – including provision of free medicines
e) Repair of roads, drains, village ponds
f) Provision of road lights/street lights
g) Organizing workshops/camps for educating community on – agriculture, energy conservation and solar energy, child and women health-care, substance abuse, and other relevant issues
h) Plantation

CSR Activities Undertaken by the Company

FY 2016-17

	Activity	**Expense (R)**
1.	AGI Welfare School (for education of children of labour)	403,756.00
2.	Towards environmental sustainability (Provision and maintenance of green areas in the city)	502,357.00
3.	Towards technology incubator (for skill development among youth)	30,000.00
4.	Towards promoting sports (donation to Baltan Park Hockey Academy)	31,000.00
	Total	**967,113.00**

FY 2017-18 (till date)

	Activity	**Expense (R)**
1.	AGI Welfare School (for education of children of labour)	197,307.00
2.	Towards Environmental sustainability (Provision and maintenance of green areas in the city)	473,755.00
3.	Welfare of society	500,000.00

	(donations towards relief funds)	
	Total	**1,171,062.00**

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

1.	Properly filled Form 1 & 1A	Yes
2.	(a) **In case(s) where land has already been purchased/acquired:** Proof of ownership of land (b) **In case where land is yet to be purchased/acquired:** Proof of ownership of land (existing owner) such as copy of latest Jamabandi (not more than one month old) and credible document showing status of land acquisition w.r.t. project site as prescribed in OM dated 07.10.2014 issued by MoEF)	copy of letter of consent, CLU, 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 ;	i. Marked ii. Marked iii. Marked iv. Marked

	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	v. Marked vi. Marked vii. Marked viii. Marked ix. Marked
9.	Permission of Competent Authority for; ➢ Water and Sewerage connection A letter from concerned Local Body/Authority giving details about existing status of sewer connectivity and availability of water supply in the area and acceptance of Local Body for taking the quantity of sewage to be generated by the proposed project and providing the water supply. Existing position of public sewer and water supply line duly marked on the lay out map/plan. b) Collection of Solid waste.	a) & b) Submitted a copy of memo no. 994 dated 04.10.2017 issued by SE, Municipal Corporation Jalandhar
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 as Municipal sewer exists in 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: seac_pb@yahoo.com 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	Submitted and concentration of all the parameters are within the prescribed limits.

	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 at least one groundwater sample from the said aquifer should be monitored and reports be attached accordingly. (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.	
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 all undertakings
17.	Environmental Management Plan indicating the following:	a) submitted

	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.	b) submitted c) submitted d) Mr. Sukhdev Singh, Managing Director, Mr. Ashwani Kant Aggarwal, General Manager, Mr. Saranjit Singh Sahi, Deputy General Manager, Mr. Virender Singh, Project Manager will be responsible for implementation of EMP. e) For implementation of EMP, Rs. 240 lacs in construction phase whereas in operation phase, Rs. 77 lacs/year will be incurred. f) As per Serial no. d) above
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 A G I Infra Ltd., Jalandhar (Punjab) commits a minimum of R 5,00,000.00 per year to be spent for CSR activities for next 5 years. The detail of activities include under their CSR are as under:- a) Arrangement for safe drinking water b) Public hygiene and sanitation (with special emphasis on female sanitation in rural schools) c) Educational support – in form of scholarships, books, uniforms, computer facility in schools, etc. d) Medical camps – including provision of

		free medicines e) Repair of roads, drains, village ponds f) Provision of road lights/street lights g) Organizing workshops/camps for educating community on – agriculture, energy conservation and solar energy, child and women health-care, substance abuse, and other relevant issues h) Plantation
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.	Submitted
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	Submitted

	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.	
24.	**For expansion projects:** i. All the columns in the application form may be got filled in three parallel columns i.e. Existing, Proposed and Total. ii. In case of increase in no. of storeys, Structural Safety/ Stability Certificate may be required from the Approved Engineer. iii. The existing building plan may be got super imposed with the proposed building plan and be marked in different colors. iv. Specify the adequacy of internal water supply system, sewer line and STP for the proposed expansion/revision.	Not Applicable
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.	Not Applicable

Environmental Engineer, PPCB, RO, Jalandhar was requested vide email dated 15.12.2017 to send the latest construction status of the project site. The status report was awaited.

The case could not be taken up by SEAC in its 160th meeting due to paucity of time. The SEAC decided to defer the case & to take up the same in its next meeting.

In the meanwhile, report from Environmental Engineer, PPCB, RO, Jalandhar has been received vide letter no. 7559 dated 21.12.2017 and it has been reported that the proposed site of the project was visited by AEE on 20.12.2017 and it was observed that at site one office building and one sample flat have been constructed by the project proponent. The proposed site is located at Jalandhar to Phagwara G.T Road, on left side. Right side of the proposed site, one petrol pump and 2-3 restaurants are existing and left hand side agricultural land is available. Backside of the proposed site, Amritsar-Delhi railway line is passing. No Brick kiln, Rice Sheller, Stone crusher and MAH industries falls within the periphery of 500 mtr.

The case was considered by the SEAC in its 161st meeting held on 16.01.2018, which was attended by the following on behalf of the project proponent:

(i) Sh. Sukhdev Singh, MD, Promoter Company

(ii) Sh. Sital Singh, CEO, M/s CPTL, Chandigarh, Environment consultant of the promoter company.

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

The SEAC members were apprised about the visit report of PPCB & SEAC observed that at site one office building and one sample flat have been constructed by the project proponent. To this observation of SEAC, the project proponent contested that the said office and sample flat constructed are not part of main project. The sample flat was constructed for conducting demand after obtaining permissions from the Jalandhar Development Authority so as to assess the economic viability of the project before its implementation. It is purely temporary structure and is to be demolished completely. A copy of the permission letter dated 16.06.2017 was submitted to the SEAC which was taken on record. He further contested that their project is Green Building Rating Project with Silver Grading & they are not the violators and requested to get their site revisited to verify facts at site.

After detailed deliberations, the SEAC decided that the site of the project be got revisited by the concerned officer of PPCB in PPCB, RO, Jalandhar to

verify the contentions of the project proponent so that further action in the matter could be taken.

Environmental Engineer, Punjab Pollution Control Board, Regional Office, Jalandhar was requested vide letter no.145 dated 30.01.2018 to get site revisited by the concerned AEE in your office to verify the contentions of the project proponent immediately

Now, Environmental Engineer, Punjab Pollution Control Board, Regional Office, Jalandhar vide its office letter no. 1104 dated 06.02.2018 has reported that the subject cited project was again visited by AEE of this office on 05.02.2018 and it was observed that the project proponent has constructed a sample flat & office at site on the land owned by the project proponent adjoining to project but said land/site, where sample flat & office is constructed, is not part of the proposed project.

The case is placed before the SEAC for consideration.

Item No.162.08: Application for environmental clearance under EIA notification 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/11539/2016)

The facts of the matter are as under:

M/s Country Colonizers (P) Ltd. have applied for obtaining environmental clearance under EIA notification 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). The project is covered under category 8 (b) of the Schedule appended to the said notification. The project proponent has already obtained TORs vide letter no. 45 dated 23.01.2017.

The details of the project while according TOR are as under:

Earlier the project was accorded environmental clearance on 20.12.2007 by the MoEF for construction of West End Estate at Sector 85 & 99, SAS Nagar (Mohali)having total plot area 10,69,341.34 sq.m and total built up area as 3,11,153.72 sq.m (with TYPE A-188, TYPE B- 206, TYPE C-294, TYPE D-376 & TYPE E-264). The proposal was to develop 1328 plots (1064 + 264 EWS) and total number of apartments to be developed was 1100 in 18 blocks. The total water requirement during construction phase as mentioned in the EC letter is 10 KLD and during operation phase is 2657 KLD (fresh water-1996 KLD& recycled **-**996 KLD). 953 KLD of treated waste water shall be used for flushing purposes & 1670 KLD of treated waste water shall be sued for horticulture purposes.455 KLD will be disposed in water body which is to be created within the premises. The capacity of STP proposed was 2200 KLD. The total parking spaces proposed were 6550 ECS.

Thereafter, the project has applied for issuance of TOR with revised detail of the project as the previous granted environmental clearance has been expired.

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

i) Sh. Janmejay Chaudhary, GM Architecture on behalf of project proponent.
ii) Sh. Vikas Arora, Asst. Manager, Liaison on behalf of project proponent.
iii) Sh. Sital, M/s CPTL, Chandigarh, Environmental Consultant of the promoter Company.

Sh. Janmejay Chaudhary submitted the authority letter wherein, he along with Sh. Vikas Arora have been authorized by Sh. Sachin Sharma, Director (Projects) to appear in the meeting of SEIAA/SEAC on behalf of project proponent. The same was taken on record by the SEAC.

The SEAC observed that the project was accorded environmental clearance on 20.12.2007 by the MoEF for construction of West End Estate at Sector 85 & 99, SAS Nagar (Mohali) which had expired in year 2012. The visiting SEAC members categorically informed that the project proponent is complying with the conditions of environment clearance previously granted by MoEF. The project proponent has not attached the copies of the compliance reports of the conditions of Environment Clearance granted earlier from Northern Regional Office of MoEF at Chandigarh. To this observation of SEAC, the project proponent clarified that Northern Regional Office of MoEF does not verify the compliances of conditions of EC of the projects where environmental clearance has already expired.

After deliberations, the SEAC decided that a team of SEAC members namely Sh. Malvinder Singh and Dr. S.S. Virdi will visit the project site to verify the following:-

- Compliance of conditions of previous granted Environment Clearance.
- Present status of construction to verify if any construction activity has been carried out after the expiration of Environment Clearance in 2012 in violation of the provisions of EIA notification, 2006.

The said SEAC members were requested vide email dated 25.10.2016 to visit the site and submit the report so that further action in the matter can be taken. The visit report sent by SEAC members was annexed as annexure of the agenda.

The case was considered by the SEAC in its 153rd meeting held on 28.11.2016, which was attended by the following: -

i) Sh. Janmejay Chaudhary, GM Architecture on behalf of project proponent.

ii) Sh. Vikas Arora, Asst. Manager, Liaison on behalf of project proponent.

iii) Smt. Sumitava Dutta, Functional Area Associate (FAA) of M/s CPTL-EIA Division, Mohali.

Sh. Janmejay Chaudhary submitted an authority letter dated 28.11.2016 wherein he along with Sh. Vikas Arora have been authorized by Sh. Sachin Sharma, Director, Projects to attend the meeting of SEAC regarding environmental clearance of Wave Estate on behalf of M/s Country Colonizers Pvt. Ltd. The authority letter was taken on record by the SEAC.

The SEAC observed that a perusal of visit report of the SEAC member's reveals that no construction activity has been carried out after the expiration of Environment Clearance in 2012. The project proponent has also submitted a certificate in this context. The visiting SEAC members categorically stated that the project proponent is complying with conditions of environmental clearance previously granted by MoEF. Thus, SEAC allowed the project proponent to present the salient features of the project and environmental consultant of the project proponent presented the case as under: -

- The total land area of the project after expansion is 9, 96,180 sq.m and the total built up area after expansion will be 9, 70,692 sq.m. The total cost of the project is Rs. 618 crores.
- The names of directors in the firm are Mr. Rajinder Singh Chadha, Mr. Manpreet Singh Chadha, Mr. Harmandeep Singh Kandhari & Mr. Gurjit Singh Kochar.
- The construction status at the project site is as under: -

Product	**Location**	**Status**
Independent Floor-Sector 85	A-162 to A-168	Structure, Brick work, Plaster& Flooring completed.
	A-170 to A-191	Structure, Brick work, Plaster& Flooring completed.
Independent Floor-Sector 99	G-5 to G-66	Structure, Brick work, & Plaster completed.
Group Housing - 2 (Sector 85)	TOWER B, C,D, E, F,G,H	Structure, Brick work, & Plaster completed.
	TOWER 1 BHK	Structure completed
	Community Center (GH)-2	Completed

VILLAS (Sector 85)	A-278, 288	Completed
	D-1	Structure & Brick work completed
	D-13, E-92 &E-93	Structure completed

- The details of the project are as under: -

Sr. no.	Type	Sub-Type	Number	Area (Acres)
1.	Residential	a) Plots/Villa	711 / 105	50.775
		b) 3 Number Group Housing Projects	Group Housing- I / II /III	12.44 / 12.00 / 6.76 (Total of Group Housing 31.2 acres)
2.	Commercial	a) Hotel & Multiplex	-	3.13
		b) SCO	217	6.6
		c) Booth	7	0.04
3.	Institutional	-		15.931
4.	EWS	To be developed by Govt.		12.34
5.	Parks			14.03
6.	Future Expansion			13.96
7.	Road, services, OHT, open space etc			91.808
8.	Sector dividing roads			5.379
9.	Grosse Planed Area			246.166
10.	Saleable Area			105.058
Total area				246.29 acres

- The details of CLU as per additional documents attached is as under: -

  a) CLU of 114.13 acres land in the revenue estate of Village Patti Sohana, Village Sukhgarh, Mauli Baidwan, Raipur Khurd and Sambhalki issued by Deptt. of Housing & Urban Development (Housing Branch) on 05.07.2006.

  b) CLU of 11.256 acres, 103.631 acres, 5.049 acres and 4.21 acres land in the revenue estate of Village Patti Sohana, Village Sukhgarh, Mauli Baidwan, Raipur Khurd and Sambhalki issued by CTP, Punjab on 30.03.2011, 27.07.2011, 20.02.2013 and 21.01.2014 respectively.

- The project proponent got approval from Department of Town & Country

Planning, Punjab for revision in layout plan of 246.166 acres vide CTP, Punjab letter number 6961 dated 27.11.2014.

- The total water requirement for the project will be 4111KL/day (including fresh water requirement as 3375 KLD) which will be met through Ground water. However, the permission from CGWB has been granted vide letter number 621 dated 19.04.2016 only for 2669 KLD abstraction of ground water through six borewells. The GMADA vide its letter no. 14.10.2013 has mentioned that till the time Canal Water Supply arrangement is made by GMADA which is likely to take quite some time, the water supply arrangement to the Wave Estate township has to be done by the project proponent on its own.
- The total wastewater generation from the project is 3588 KLD (3288 KLD + 300 KLD as wet weather flow), which will be treated in a two STP's of capacity 1.5 MLD &2.5 MLD respectively to be installed within the project premises. In summer season, the project proponent has proposed to utilize 736 KL/day of treated wastewater for flushing purpose, 312 KLD will be utilized for gardening and remaining 2496KL/day will be discharged into M.C. sewer. In winter season, 736 KL/day of treated wastewater for flushing purpose, 102 KLD will be utilized for gardening and remaining 2706KL/day will be discharged into M.C. sewer. In rainy season, 736 KL/day of treated wastewater for flushing purpose, 28 KLD will be utilized for gardening and remaining 2780KL/day will be discharged into M.C. sewer. The GMADA vide its letter number 1215 dated 16.08.2016 has mentioned that GMADA has not laid down outfall sewer on the peripheral roads around the site of the project in Sector 85 & 99. The project proponent has to make arrangement on its own till the time requisite infrastructure is provided by the GMADA However, GMADA has formulated a proposal for laying outfall sewer and the sewage load of the said project has been duly accounted for while designing it.
- The annual rainfall potential has been accounted as 293667 m^3/yr by taking 0.8 as run off coefficient & 750 mm as annual rainfall for roof top area of 489445 sq.m.

- The total quantity of solid waste to be generated from the proposed project has been estimated as 9.13 ton. Regarding solid waste, GMADA vide its letter number 1215 dated 16.08.2016 has clarified that department of Local Govt. is in process of setting up of common MSW facility in Village Samgauli, Tehsil Derabassi, Mohali for the entire area. The said department has also taken into account the waste load to be generated from your project. However, the project proponent has to make arrangement on its own till the time requisite infrastructure is provided for disposing of MSW. 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 hazardous waste @ 1500 ltrs will be disposed as per HWM Rules, 2008 & e-waste @ 0.80ton as per E-waste (Management & Handling) Rules, 2011.
- Total power requirement for the project will be 34 MW which will be provided by PSPCL. The project proponent has also proposed to install 4 nos. silent DG sets of capacity 1600 KVA each as power backup.
- The project proponent has attached copy of NOC dated 04.09.2013 issued by Airport Authority, New Delhi.
- The distance of bird sanctuary, Sector 21, Chandigarh is about 10.60 km and Sukhna Wild Life Sanctuary is 17.20 km and authenticated map showing the above distance duly signed by Deputy Conservator of Forests & Deputy Chief Wildlife Warden Chandigarh is submitted vide letter no. 1670 dated 08.07.2016.
- The capital cost and recurring cost to be incurred for implementation of EMP is Rs. 540.0 lacs and Rs.45.5 lacs. The recurring cost to be incurred during construction phase and operation phase for ambient monitoring is Rs.1 lacs/annum and during operation phase is Rs. 1.15 lacs/annum.
- The amount to be incurred for implementation of CSR is Rs. 50 lacs and activities to be taken during the implementation are as under:-

  a) Provide coolers & water filters in the Govt. Primary school

b) Provide bathrooms for children and toilets for girls in Govt. Primary school
c) Distribute uniform, books & bags to students in the Govt. Primary school specially for weaker section

- The project proponent has submitted the "Terms of Reference".

After detailed deliberations in the matter, the SEAC decided to recommend to SEIAA to issue the "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 119th meeting held on 04.01.2017, which was attended by the following:-

i) Sh. Janmejay Chaudhary, GM Architecture on behalf of project proponent.
ii) Sh. Sital Singh, M/s CPTL, Chandigarh, Environmental Consultant of the promoter Company.

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. The SEIAA also decided that the project proponent shall submit final EIA / EMP based upon the ToRs for Appraisal of its project to the SEAC.

The project proponent has submitted EIA report online on 03.01.2018.

The case could not be taken by SEAC in its 161st meeting up due to paucity of time. The SEAC decided to defer the case & to take up the same in its next meeting.

The case is placed before the SEAC for consideration.

Item No.162.09: Application for issuance of TOR under EIA notification dated 14.09.2006 for expansion of steel manufacturing unit by addition of two induction furnace in Village- Jalalpur, Amloh Road, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab by M/s Dasmesh Castings (P) Limited(Proposal no SIA/PB/IND2/21384/ 2018)

The facts of the case are as under: -

The project proponent has filed application for issuance of TOR under EIA notification, 2006 for expansion of steel manufacturing unit by addition of two induction furnace in Village- Jalalpur, Amloh Road, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab. The project is covered under category 3(a) - Secondary Metallurgical Industries (ferrous & non ferrous) of the Schedule appended to the said notification. The details of the project as given in form 1 and other documents are as under:-

- The Directors of the company are as under:

  Mr. Naman Gupta

  Mr. Karan Gupta

  Mr. Anil Kumar

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

S. No.	**PARTICULARS**	**EXISTING**	**PROPOSED**	**TOTAL**
A	**EXISTING & PROPOSED CAPACITY OF FURNACES & ROLLING MILLS**			
1	Induction Furnace	7TPH (To be replaced)	10TPH & 20TPH Induction furnace & VD, LFR & Concast	
2	Rolling Mills	Nil	1 Rolling Mill	1 Rolling Mill
B	**PRODUCTS**			
1	Steel Ingot/Billets (TPA)	**(-)**28,700	**(+)**1,26,000	1,26,000
2	Round, Square, TMT/MS Bars, Angle, Channel, Flats etc (TPA)	Nil	1,20,000	1,20,000
C	**RAW MATERIAL**			

1	MS Scrap (TPA)	**(-)**31,928	**(+)**1,40,200	1,40,200
2	Ferro-alloys(TPA)	**(-)**216	1050	1050
D	**GENERALS**			
1	Project Cost (Crores)	2.43	15.0	17.43
2	Land (Acres)	**2.0**	**0.25**	**2.25**
3	Power (KVA)	3999	12000	15999
4	Manpower (nos)	50	100	150
5	Working days	24 hrs 350 working days in year		
E.	**WATER REQUIREMENT** through existing tube well.			
1.	Domestic	3.5 KLD	7.0 KLD	10.5 KLD
2.	Cooling (makeup water)	1.5 KLD	28.0KLD	29.5 KLD
	Total	5.0KLD	35.0 KLD	40.0 KLD

- No Wildlife Sanctuary & no area of Reserved Forests fall within 10 km radius of the project. The land of the project is already meant for industrial use.
- There will be no generation of trade effluents from the process. The waste water generated from domestic & cooling tower is being/will treated through Septic Tank and is being/will used for plantation within premises.
- The existing quantity of slag generated is 3.5 TPD and is being used for filling of low lying area. Total quantity of slag after expansion will be 20.0 TPD and will be used in filling of Low lying area and in Road Making.
- Hazardous waste @ 0.02 kl/annum is generated from DG sets in the form of used oil which is being re-used as lubricants within the industry and dust after expansion (6 ton/annum) recovered by APCD i.e. Bag filter House will be sent to TSDF site for final disposal.
- Baseline data for the proposed plant will collected immediately after monsoon season**.** Primary data will be collected by monitoring & surveying of various environmental components / parameters in the core zone during the study period, details of which are given as under:-

S.	**PARAMETERS**	**DESCRIPTION**

NO.		
1	Meteorology	Meteorological parameters on hourly basis at project site. Parameters: Temperature, Relative humidity, Wind Speed & Wind Direction.
2	Air	Ambient air quality monitoring (24 hourly), twice a week. Parameters are PM_{10}, $PM_{2.5}$, SO_2, NO_2& CO. No. of Locations: 8 locations in core and buffer zone.
3	Noise	Noise level monitoring (Day & Night time), once in a season. No. of Locations: 8 locations in core and buffer zone.
4	Water	Ground water sampling, once in a season. No. of Locations: 8 locations in core and buffer zone. Tested for physical and chemical parameters.
5	Soil	Soil sampling, once in a season. No. of Locations: 6 locations in core and buffer zone.
6	Biological Factors	Biodiversity survey, once in a season. Location: Core and buffer zone.
7	Socio-economic Environment	Socio-economic survey, once in a season. Location: Core and buffer zone.

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

PARTICULARS	DETAILS
Impact on Air	
Construction/ Operational Phase	Air emissions both gaseous and fugitive from proposed plant will be on account of process emissions from stacks of existing Induction furnace & proposed Furnace as well as DG. Sets. The

	mitigation measure adopted as under: ➢ The main raw material and product will be brought in and dispatched by road through covered enclosures. ➢ All the vehicle owners will have valid PUC Certificate ➢ All vehicles are loaded up-to prescribed limit during transportation. ➢ Dust suppression on haul roads will be done at regular intervals. ➢ Proper pollution control equipments like Multi-cyclone/bag filter will be provided. ➢ APCD solid waste after expansion will also be sent to TSDF site for final Disposal.
Air Quality Management:	
Emissions Management	➢ A stack of adequate height equipped with Bag filter will be installed with the Induction furnace to control the particulate and gaseous emissions due to combustion of fuel. ➢ All the roads are asphalted to control the fugitive dust emissions ➢ Proper servicing & maintenance of vehicles is/will be carried out. ➢ Green Belt around the periphery and within premises will be provided.
Monitoring Management	Ambient air quality and stack emission will be regularly monitored to ensure that ambient air quality standards and suggested limits on stack emission loads would be met honestly at all the time.
Impact on water	
Construction/ Operational phase	Water requirement of the plant will be meeting from existing tube well. Roof top rain water will be recharged to compensate

	ground water.
Water Management	
	➢ Fresh water requirement of the project will be met by existing tube well. ➢ Domestic waste water generated from the plant will be treated in Septic Tank and treated water will be used in green belt development. ➢ The cooling water will be re-circulated and cooling blow down will be dispose off through septic tank.
Impact on Noise	
Construction/ Operational Phase	The expected noise levels of some of the proposed equipment like Pumps (82-95 dB (A), Induction furnace (95-105 dB (A), DG sets (100-120 dB (A). The above noise levels worked out are without mitigation measures. With the mitigation measures the noise levels will be further restricted within very short distance from the source point. The operators/personnel working near the noise sources in the Plant will be provided with earmuffs and earplugs Green belt will be developed around the plant premises which will act as noise abatement measures.
Noise Management	
	➢ There will be no danger of noise pollution from plant. The green belt (plantation of dense trees across the boundary) helps in reducing noise levels in steel plant as a result of attenuation of noise generated due to plant operations and transportation. ➢ Earmuffs will be used while running the equipments of the

	plant. ➢ D.G sets will be provided with acoustic to control the noise level within the prescribed limit. ➢ A high standard of maintenance will be practiced for plant machinery and equipments, which helps to avert potential noise problems. ➢ Personal Protective Equipment like earplugs and earmuffs will be provided to the workers exposed to high noise level. ➢ Regular monitoring of noise level will be carried out.
Solid Waste Management	
Management	➢ APCD dust is being sent to TSDF site and slag from process is sent to low lying area for final disposal.
Green belt Management	
Management	➢ Green belt development in and around the plant site helps to attenuate the pollution level. ➢ Out of the total plant area approx. 3-5% land is already developed as green belt and it will be maintained in future also. ➢ Green belt has been developed as per Central Pollution Control Board (CPCB) guidelines. ➢ Native species have been planted in consultation with the local DFO.

- The cost@ 40.0 lacs towards Environment Protection will be spent.
- The standard TORs prescribed by MoEF have been proposed.

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

1.	Properly filled form 1 & Pre-feasibility report	Yes
2.	Proof of ownership of land	Submitted
3.	Layout Plan	Submitted

4.	List of accredited EIA consultant organization with accredited sector of NABET	Submitted

On scrutinizing the application, following Essential details were sought online to which the project proponent has replied as under:-

<table>
<tr><th>Sr. NO.</th><th>EDS raised online</th><th>Reply submitted by Project Proponent</th></tr>
<tr><td>1.</td><td>a) The industry has mentioned that they have got the consent in 2004 from Board for manufacturing of steel ingot@45 TPD. The project proponent is required to submit the details of furnace capacity & electric load available at that time with documentary evidence and justify that capacity of the furnace at that time was less than 30,000 TPA.
➢ The industry has mentioned that they have got the consent in 2013 from Board for manufacturing of steel ingot@72 TPD. The project proponent is</td><td>The project proponent has submitted as under:-
The Industry was granted consent to operate by Punjab Pollution Control Board, Patiala, Punjab, vide letter no. ZO/FGS/WPC/2004-05 dated 05.10.2004 for manufacturing of Steel Ingot @ 45 TPD and the project cost was 1.30 crores. The Industry was again granted consent to operate (CTO) for expansion by Punjab Pollution Control Board, Patiala, Punjab in 2013 vide letter no. ZO/FGS/WPC/2013-18/35/V-726 dated 14.10.2013 for manufacturing of Steel Ingot @ 72TPD (25200 TPA). The industry was granted consent to establish for expansion by PPCB, Patiala in 2017 vide letter no. CTE/EXP/FGS/20175624708 dated 07.06.2017 for manufacturing of Steel Ingot @ 82 TPD (28700 TPA).
<table>
<tr><td>Year of Estd.</td><td>Cap. of furnace</td><td>Power load</td><td>Total Prod.</td><td>whether covered under EIA notification or not?</td></tr>
<tr><td>05.10.2004</td><td>3.5 TPH</td><td>2199 KW</td><td>45TPD</td><td>The industry does not cover under EIA notification S.O. 1533(E) dated 14.09.2006</td></tr>
</table>
</td></tr>
</table>

required to submit the details of furnace capacity & electric load available at that time with documentary evidence and justify that capacity of the furnace at that time was less than 30,000 TPA.

- The industry has obtained CTE for expansion in June 2017 and has increased the capacity of induction furnace to 7 TPH resulting in increase in capacity beyond threshold limit of 30,000 TPA.

The project proponent is required to justify that project at any stage has not violated the provisions of EIS notification, 1994 and EIA notification dated 14.09.2006.

				because the capacity of Induction Furnace is less than 5TPH.
14.10.2013	6TPH	2199 KW	72 TPD	The industry does not cover under EIA notification S.O. 3067(E) dated 01.12.2009 because the production capacity of the Industry was< 30,000 TPA
07.06.2017	7 TPH	3999 KW	82 TPD	

The actual production for financial year 2016-17 was 19602 MT.

The case is placed before the SEAC for its consideration.

Item No.162.10: Application for issuance of TOR under EIA notification dated 14.09.2006 for expansion of steel manufacturing unit by addition of two induction furnace in Village- Salani, Amloh Road, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab by M/S Behari Lal Ispat (P) Limited(Proposal no SIA/PB/IND2/21590/ 2018)

The facts of the case are as under: -

The project proponent has filed application for issuance of TOR under EIA notification, 2006for expansion of steel manufacturing unit by addition of two induction furnace in Village- Salani, Amloh Road, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab. The project is covered under category 3(a) -Secondary Metallurgical Industries (ferrous & non ferrous)of the Schedule appended to the said notification. The details of the project as given in form 1 and other documents are as under:-

- The Directors of the company are as under:

  Mr. Dinesh Garg

  Mr. Lovish Garg

  Mr. Parkash Chand Garg

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

S. No.	**PARTICULARS**	**EXISTING**	**PROPOSED**	**TOTAL**
A	**EXISTING & PROPOSED CAPACITY OF FURNACES & ROLLING MILLS**			
1	Induction Furnace	7TPH (to be replaced)	2X15TPH Induction furnace & VD, LFR & Concast	
2	Heat Treatment Furnace	Two no.	Two	Four
B	**PRODUCTS**			
1	Steel Ingot/Billets, steel casting, steel roll (TPA)	**(-)**29,520	**(+)**1,29,600	1,29,600
C	**RAW MATERIAL**			
1	MS Scrap (TPA)	**(-)**32,150	**(+)**1,40,824	1,40,824
2	Ferro-alloys(TPA)	**(-)**610	3000	3000

D	**GENERALS**			
1	Project Cost (Crores)	9.75	10.0	19.75
2	Land (Acres)	8.0	NIL	8.0
3	Power (KVA)	4000	15000	19000
4	Manpower (Nos.)	100	100	200
5	Working days	24 hrs 360 working days in year		
E.	**WATER REQUIREMENT** through existing tube well.			
1.	Domestic	5.0 KLD	8.5 KLD	13.5 KLD
2.	Cooling (makeup water)	2.0 KLD	40.0KLD	42.0 KLD
	Total	7.0KLD	48.5 KLD	55.5 KLD

- No Wildlife Sanctuary & no area of Reserved Forests fall within 10 km radius of the project. The industry is located in designated industrial zone.
- There will be no generation of trade effluents from the process. The waste water generated from domestic & cooling tower is being/will treated through Sewage Treatment Plant and is being/will used for plantation within premises.
- The existing quantity of slag generated is 4.0 TPD and is being used for filling of low lying area. Total quantity of slag after expansion will be 21.34 TPD and will be used in filling of Low lying area and in Road Making.
- Hazardous waste @ 0.02 kl/annum is generated from DG sets in the form of used oil which is being re-used as lubricants within the industry and dust after expansion (21.6ton/annum) recovered by APCD i.e. Bag filter House will be sent to TSDF site for final disposal.
- Baseline data for the proposed plant will collected immediately after monsoon season**.** Primary data will be collected by monitoring & surveying of various environmental components / parameters in the core zone during the study period, details of which are given as under:-

PRIMARY DATA

S. NO.	PARAMETERS	DESCRIPTION
1	Meteorology	Meteorological parameters on hourly basis at project site. Parameters: Temperature, Relative humidity, Wind Speed & Wind Direction.
2	Air	Ambient air quality monitoring (24 hourly), twice a week. Parameters are PM_{10}, $PM_{2.5}$, SO_2, NO_2& CO. No. of Locations: 8 locations in core and buffer zone.
3	Noise	Noise level monitoring (Day & Night time), once in a season.No. of Locations: 8 locations in core and buffer zone.
4	Water	Ground water sampling, once in a season. No. of Locations: 8 locations in core and buffer zone. Tested for physical and chemical parameters.
5	Soil	Soil sampling, once in a season. No. of Locations: 6 locations in core and buffer zone.
6	Biological Factors	Biodiversity survey, once in a season. Location: Core and buffer zone.
7	Socio-economic Environment	Socio-economic survey, once in a season. Location: Core and buffer zone.

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

PARTICULARS	DETAILS
Impact on Air	
Construction/ Operational Phase	Air emissions both gaseous and fugitive from proposed plant will be on account of process emissions from stacks of existing Induction furnace, Heat treatment furnace & proposed Furnace as well as DG. Sets. The mitigation measure adopted as under: ➢ The main raw material and product will be

	brought in and dispatched by road through covered enclosures. ➢ All the vehicle owners will have valid PUC Certificate ➢ All vehicles are loaded up-to prescribed limit during transportation. ➢ Dust suppression on haul roads will be done at regular intervals. ➢ Proper pollution control equipments like Multi-cyclone/bag filter will be provided. ➢ APCD solid waste after expansion will also be sent to TSDF site for final Disposal.
Air Quality Management:	
Emissions Management	➢ A stack of adequate height equipped with Bag filter will be installed with the Induction furnace to control the particulate and gaseous emissions due to combustion of fuel. ➢ All the roads are asphalted to control the fugitive dust emissions ➢ Proper servicing & maintenance of vehicles is/will be carried out. ➢ Green Belt around the periphery and within premises will be provided.
Monitoring Management	Ambient air quality and stack emission will be regularly monitored to ensure that ambient air quality standards and suggested limits on stack emission loads would be met honestly at all the time.
Impact on water	
Construction/ Operational phase	Water requirement of the plant will be meeting from existing tube well. Roof top rain water will be recharged

	to compensate ground water.
Water Management	
	➢ Fresh water requirement of the project will be met by existing tube well. ➢ Domestic waste water generated from the plant will be treated in STP and treated water will be used in green belt development. ➢ The cooling water will be re-circulated and cooling blow down will be treated through Sewage Treatment Plant.
Impact on Noise	
Construction/ Operational Phase	The expected noise levels of some of the proposed equipment like Pumps (82-95 dB (A), Induction furnace (95-105 dB (A), DG sets (100-120 dB (A). The above noise levels worked out are without mitigation measures. With the mitigation measures the noise levels will be further restricted within very short distance from the source point. The operators/personnel working near the noise sources in the Plant will be provided with earmuffs and earplugs Green belt will be developed around the plant premises which will act as noise abatement measures.
Noise Management	
	➢ There will be no danger of noise pollution from plant. The green belt (plantation of dense trees across the boundary) helps in reducing noise levels in steel plant as a result of attenuation of noise generated due to plant operations and transportation. ➢ Earmuffs will be used while running the equipments of the plant.

	➢ D.G sets will be provided with acoustic to control the noise level within the prescribed limit. ➢ A high standard of maintenance will be practiced for plant machinery and equipments, which helps to avert potential noise problems. ➢ Personal Protective Equipment like earplugs and earmuffs will be provided to the workers exposed to high noise level. ➢ Regular monitoring of noise level will be carried out.
Solid Waste Management	
Management	➢ APCD dust is being sent to TSDF site and slag from process is sent to low lying area for final disposal.
Green belt Management	
Management	➢ Green belt development in and around the plant site helps to attenuate the pollution level. ➢ Out of the total plant area approx. 15% land is already developed as green belt and it will be maintained in future also. ➢ Green belt has been developed as per Central Pollution Control Board (CPCB) guidelines. ➢ Native species have been planted in consultation with the local DFO.

- The cost@ 70.0 lacs towards Environment Protection will be spent.

- The standard TORs prescribed by MoEF have been proposed.

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

1.	Properly filled form 1 & Pre-feasibility report	Yes
2.	Proof of ownership of land	Submitted
3.	Layout Plan	Submitted

4.	List of accredited EIA consultant organization with accredited sector of NABET	Submitted

On scrutinizing the application, following Essential details were sought online to which the project proponent has replied as under:-

<table>
<tr><th>Sr. NO.</th><th>EDS raised online</th><th>Reply submitted by Project Proponent</th></tr>
<tr><td>1.</td><td>The industry has mentioned that they have got the consent to operate in 2011 from Board for manufacturing of steel ingot@72 TPD. The project proponent is required to submit the details of furnace capacity & electric load available at that time with documentary evidence and justify that capacity of the furnace at that time was less than 30,000 TPA. The project proponent is required to justify that project at any stage has not violated the provisions of EIS notification, 1994, EIA notification dated 14.09.2006 and its amendments.</td><td>The project proponent has submitted as under:-

The Industry was granted consent to establish by Punjab Pollution Control Board, Patiala, Punjab, vide letter no. 4177 dated 08.07.2011 for manufacturing of Steel Ingot @ 72 TPD (25920 TPA) by installing Induction furnace of capacity 6 TPH. The Industry was again granted consent to establishment (CTE) for expansion by Punjab Pollution Control Board, Patiala, Punjab in 2012 vide letter no. 2784 dated 04.10.2017 for manufacturing of Steel Ingot installed capacity @ 82 TPD (29520 TPA) by installing Induction furnace of capacity 7TPH.
<table>
<tr><td>Year of Estd.</td><td>Cap. of furnace</td><td>Power load</td><td>Total Prod.</td><td>whether covered under EIA notification or not?</td></tr>
<tr><td>08.07.2011</td><td>6 TPH</td><td>2500 KW</td><td>25920 TPA</td><td>The industry</td></tr>
</table>
</td></tr>
</table>

		04.10.2017	7TPH	4000 KW	29520 TPA	does not cover under EIA notification S.O. 3067(E) dated 01.12.2009 because the production capacity of the Industry was< 30,000 TPA

The case is placed before the SEAC for its consideration.

Item No.162.11: Application for issuance of TOR under EIA notification dated 14.09.2006 for expansion of steel manufacturing unit by addition of two induction furnace in Village Jalalpur, Amloh Road, Mandi Gobindgarh, District Fatehgarh Sahib by M/s HANSCO IRON & STEEL (P) LIMITED(Proposal no SIA/PB/IND2/21478/ 2017)

The facts of the case are as under: -

The project proponent has filed application for issuance of TOR under EIA notification, 2006 for expansion of steel manufacturing unit by addition of two induction furnace in Village Jalalpur, Amloh Road, Mandi Gobindgarh, District Fatehgarh Sahib.The project is covered under category 3(a) - Secondary Metallurgical Industries (ferrous & non ferrous) of the Schedule appended to the said notification. The details of the project as given in form 1 and other documents are as under:-

- The Directors of the company are as under:

  Mr. Subhash Bansal

  Mr. Manu Bansal

  Mr. Vivek Bansal

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

S. No.	**PARTICULARS**	**EXISTING**	**PROPOSED**	**TOTAL**
A	**EXISTING & PROPOSED CAPACITY OF FURNACES & ROLLING MILLS**			
1	Induction Furnace	1TPH & 7TPH	1TPH, 7TPH & 2X15TPH Induction furnace & VD, LRF & Concast	
2	Rolling Mills	Nil	1 Rolling Mill	1 Rolling Mills
3	Heat Treatment Furnace	Two no.	One	Three
B	**PRODUCTS**			
1	Steel Ingot/Billets, steel casting, steel roll (TPA)	**(+)**29,800	**(+)**1,26,000	1,55,800
2	MS Bars, Round, Flats, TMT Bars, angles, wire rod (TPA)	Nil	1,26,000	1,26,000

C	**RAW MATERIAL**			
1	MS Scrap (TPA)	**(+)**32,550	**(+)**1,40,200	1,72,750
2	Ferro-alloys(TPA)	**(+)**250	1050	1300
D	**GENERALS**			
1	Project Cost (Crores)	9.83	20.0	29.83
2	Land (Acres)	10.5	NIL	10.5
3	Power (KVA)	4278	20000	24278
4	Manpower (nos)	125	250	375
5	Working days	24 hrs 350 working days in year		
E.	**WATER REQUIREMENT** through existing tube well.			
1.	Domestic	3.5 KLD	11.5 KLD	15.0 KLD
2.	Cooling (makeup water)	1.5 KLD	63.5KLD	65.0 KLD
	Total	5.0KLD	75.0 KLD	80.0 KLD

- No Wildlife Sanctuary & no area of Reserved Forests fall within 10 km radius of the project. The land of the project is already meant for industrial use.
- There will be no generation of trade effluents from the process. The waste water generated from domestic & cooling tower is being/will treated through Sewage Treatment Plant and is being/will used for plantation within premises.
- The existing quantity of slag generated is 4.0 TPD and is being used for filling of low lying area. Total quantity of slag after expansion will be 28.0 TPD and will be used in filling of Low lying area and in Road Making.
- Hazardous waste @ 0.02 kl/annum is generated from DG sets in the form of used oil which is being re-used as lubricants within the industry and dust after expansion (18 ton/annum) recovered by APCD i.e. Bag filter House will be sent to TSDF site for final disposal.
- Baseline data for the proposed plant will collected immediately after monsoon season**.** Primary data will be collected by monitoring & surveying of various environmental components / parameters in the core zone during the study period, details of which are given as under:-

S.	PARAMETERS	DESCRIPTION

NO.		
1	Meteorology	Meteorological parameters on hourly basis at project site. Parameters: Temperature, Relative humidity, Wind Speed & Wind Direction.
2	Air	Ambient air quality monitoring (24 hourly), twice a week. Parameters are PM_{10}, $PM_{2.5}$, SO_2, NO_2& CO.No. of Locations: 8 locations in core and buffer zone.
3	Noise	Noise level monitoring (Day & Night time), once in a season.No. of Locations: 8 locations in core and buffer zone.
4	Water	Ground water sampling, once in a season.No. of Locations: 8 locations in core and buffer zone.Tested for physical and chemical parameters.
5	Soil	Soil sampling, once in a season.No. of Locations: 6 locations in core and buffer zone.
6	Biological Factors	Biodiversity survey, once in a season.Location: Core and buffer zone.
7	Socio-economic Environment	Socio-economic survey, once in a season.Location: Core and buffer zone.

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

PARTICULARS	DETAILS
Impact on Air	
Construction/ Operational Phase	Air emissions both gaseous and fugitive from proposed plant will be on account of process emissions from stacks of existing Induction furnace, Heat treatment furnace & proposed Furnace as well as DG. Sets. The mitigation measure adopted as under: ➢ The main raw material and product will be brought in

	and dispatched by road through covered enclosures. ➢ All the vehicle owners will have valid PUC Certificate ➢ All vehicles are loaded up-to prescribed limit during transportation. ➢ Dust suppression on haul roads will be done at regular intervals. ➢ Proper pollution control equipments like Multi-cyclone/bag filter will be provided. ➢ APCD solid waste after expansion will also be sent to TSDF site for final Disposal.
Air Quality Management:	
Emissions Management	➢ A stack of adequate height equipped with Bag filter will be installed with the Induction furnace to control the particulate and gaseous emissions due to combustion of fuel. ➢ All the roads are asphalted to control the fugitive dust emissions ➢ Proper servicing & maintenance of vehicles is/will be carried out. ➢ Green Belt around the periphery and within premises will be provided.
Monitoring Management	Ambient air quality and stack emission will be regularly monitored to ensure that ambient air quality standards and suggested limits on stack emission loads would be met honestly at all the time.
Impact on water	
Construction/ Operational phase	Water requirement of the plant will be meeting from existing tube well. Roof top rain water will be recharged to compensate ground water.
Water Management	

	➢ Fresh water requirement of the project will be met by existing tube well. ➢ Domestic waste water generated from the plant will be treated in Septic Tank and treated water will be used in green belt development. ➢ The cooling water will be re-circulated and cooling blow down will be dispose off through septic tank.
Impact on Noise	
Construction/ Operational Phase	The expected noise levels of some of the proposed equipment like Pumps (82-95 dB (A), Induction furnace (95-105 dB (A), DG sets (100-120 dB (A). The above noise levels worked out are without mitigation measures. With the mitigation measures the noise levels will be further restricted within very short distance from the source point. The operators/personnel working near the noise sources in the Plant will be provided with earmuffs and earplugs Green belt will be developed around the plant premises which will act as noise abatement measures.
Noise Management	
	➢ There will be no danger of noise pollution from plant. The green belt (plantation of dense trees across the boundary) helps in reducing noise levels in steel plant as a result of attenuation of noise generated due to plant operations and transportation. ➢ Earmuffs will be used while running the equipments of the plant. ➢ D.G sets will be provided with acoustic to control the noise level within the prescribed limit. ➢ A high standard of maintenance will be practiced for plant

	machinery and equipments, which helps to avert potential noise problems. ➢ Personal Protective Equipment like earplugs and earmuffs will be provided to the workers exposed to high noise level. ➢ Regular monitoring of noise level will be carried out.
Solid Waste Management	
Management	➢ APCD dust is being sent to TSDF site and slag from process is sent to low lying area for final disposal.
Green belt Management	
Management	➢ Green belt development in and around the plant site helps to attenuate the pollution level. ➢ Out of the total plant area approx. 25% land is already developed as green belt and it will be maintained in future also. ➢ Green belt has been developed as per Central Pollution Control Board (CPCB) guidelines. ➢ Native species have been planted in consultation with the local DFO.

- The cost@ 80.0 lacs towards Environment Protection will be spent.
- The standard TORs prescribed by MoEF have been proposed.

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

1.	Properly filled form 1 & Pre-feasibility report	Yes
2.	Proof of ownership of land	Submitted
3.	Layout Plan	Submitted
4.	List of accredited EIA consultant organization with accredited sector of NABET	Submitted

On scrutinizing the application, following Essential details were sought online to which the project proponent has replied as under:-

<table>
<tr><th>Sr. NO.</th><th>EDS raised online</th><th>Reply submitted by Project Proponent</th></tr>
<tr><td>1.</td><td>The industry has mentioned that they have got the consent to operate for expansion in 2013 from Board for manufacturing of steel ingot from 54 TPD to 96 TPD. The project proponent is required to submit the details of furnace capacity & electric load available at that time with documentary evidence and justify that capacity of the furnace at that time was less than 30,000 TPA. The project proponent is required to justify that project at any stage has not violated the provisions of EIA notification, 1994 and EIA notification dated 14.09.2006.</td><td>The project proponent has submitted as under:-

The Industry was granted consent to establisht by Punjab Pollution Control Board, Patiala, Punjab, vide letter no. ZO-1/FGS/NOC/2009/F-264 dated 17.08.2009 for manufacturing of steel ingot @54 TPD by installing induction furnace of capacity@4.5 TPH. The industry was again granted consent to establishment (CTE) for expansion through up gradation of existing induction furnace of capacity 4.5 TPH to 7 TPH capacity & installation of another induction furnace of capacity 1.0 TPH alongwith two heat treatment furnaces by Punjab Pollution Control Board, Patiala, Punjab in 2010 vide letter no. ZO-1/FGS/NOC/2010/Exp 351 dated 24.06.2010 for manufacturing of Steel Ingot & casting from 54 TPD to 96 TPD (<30,000 TPA).

<table>
<tr><th>Year of Estd.</th><th>Cap. of furnace</th><th>Power load</th><th>Total Prod.</th><th>Whether covered under EIA notification or not?</th></tr>
<tr><td>17.08.2009</td><td>4.5 TPH</td><td>4278 KW</td><td>54 TPD</td><td>The industry does not cover under EIA notification S.O. 1533(E) dated 14.09.2006 because the capacity of Induction Furnace is less than</td></tr>
</table>
</td></tr>
</table>

					5TPH.
		24.06.2010	1TPH & 7TPH	4278 KW	96TPD	The industry does not cover under EIA notification S.O. 3067(E) dated 01.12.2009 because the production capacity of the Industry was< 30,000 TPA
		The actual production for financial year 2016-17 was 19592.41 MT.				

The case is placed before the SEAC for its consideration.

Item No.162.12: Application for issuance of TOR under EIA notification dated 14.09.2006 for expansion of steel manufacturing unit by replacing existing induction furnace and adding one rolling mill in Village- Alour, Bhadla Road, Khanna, Ludhiana, Punjab by M/s Chopra Alloys (Proposal no SIA/PB/IND2/21511/ 2018)

The facts of the case are as under: -

The project proponent has filed application for issuance of TOR under EIA notification, 2006 for expansion of steel manufacturing unit by replacing existing induction furnace and adding one rolling mill in Village- Alour, Bhadla Road, Khanna, Ludhiana, Punjab.The project is covered under category 3(a) - Secondary Metallurgical Industries (ferrous & non ferrous) of the Schedule appended to the said notification. The details of the project as given in form 1 and other documents are as under:-

- The Partners of the company are as under:

  Mr. Baldev Raj Chopra

  Mr. Pankaj Chopra

  Mr. Deepak Chopra

  Mr. Aman Chopra

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

S. No.	PARTICULARS	EXISTING	PROPOSED	TOTAL
A	**EXISTING & PROPOSED CAPACITY OF FURNACES & ROLLING MILLS**			
1	Induction Furnace	7TPH (To be replaced)	1X10TPH. 2X20TPH Induction furnace & VD, LFR & Concast	
2	Rolling Mills	Nil	1 Rolling Mill	1 Rolling Mill
B	**PRODUCTS**			
1	Steel Ingot/Billets (TPA)	**(-)**29,520	**(+)**2,52,000	2,52,000
2	Round, Square, TMT/MS Bars, Angle, Channel, Flats etc (TPA)	Nil	**(+)**1,80,000	1,80,000
C	**RAW MATERIAL**			
1	MS Scrap (TPA)	**(-)**31,492	**(+)**2,82,350	**(+)**2,82,350

2	Ferro-alloys(TPA)	**(-)**188	(+)1150	1150
D	**GENERALS**			
1	Project Cost (Crores)	4.53	26.0	30.53
2	Land (Acres)	3.0	Nil	3.0
3	Power (KVA)	4000 KVA	18000 KVA	22000 KVA
4	Manpower	100	100	200
5	Working days	24 hrs 360 working days in a year		
E.	**WATER REQUIREMENT** through existing tube well.			
1.	Domestic	2.5 KLD	7.5 KLD	10.0 KLD
2.	Cooling (makeup water)	2.0 KLD	68.0 KLD	70.0 KLD
	Total	4.5 KLD	75.5 KLD	80.0 KLD

- No Wildlife Sanctuary & no area of Reserved Forests fall within 10 km radius of the project. The land of the project is already meant for industrial use.
- There will be no generation of trade effluents from the process. The waste water generated from domestic & cooling tower is being/will treated through septic tank and is being/will used for plantation within premises.
- The existing quantity of slag generated is 3.0 TPD and is being used for filling of low lying area. Total quantity of slag after expansion will be 48.91 TPD and will be used in filling of Low lying area and in Road Making.
- Hazardous waste @ 0.02 kl/annum is generated from DG sets in the form of used oil which is being re-used as lubricants within the industry and dust after expansion (2.5 ton/annum) recovered by APCD i.e. Bag filter House will be sent to TSDF site for final disposal.
- Baseline data for the proposed plant will collected immediately after monsoon season**.** Primary data will be collected by monitoring & surveying of various environmental components / parameters in the core zone during the study period, details of which are given as under:-

S. NO.	**PARAMETERS**	**DESCRIPTION**
1	Meteorology	Meteorological parameters on hourly basis at project site.

		Parameters: Temperature, Relative humidity, Wind Speed & Wind Direction.
2	Air	Ambient air quality monitoring (24 hourly), twice a week. Parameters are PM_{10}, $PM_{2.5}$, SO_2, NO_2& CO. No. of Locations: 4 locations in core.
3	Noise	Noise level monitoring (Day & Night time), once in a season. No. of Locations: 8 locations in core and buffer zone.
4	Water	Ground water sampling, once in a season. No. of Locations: 8 locations in core and buffer zone. Tested for physical and chemical parameters.
5	Soil	Soil sampling, once in a season. No. of Locations: 6 locations in core and buffer zone.
6	Biological Factors	Biodiversity survey, once in a season. Location: Core and buffer zone.
7	Socio-economic Environment	Socio-economic survey, once in a season. Location: Core and buffer zone.

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

PARTICULARS	DETAILS
Impact on Air	
Construction/ Operational Phase	Air emissions both gaseous and fugitive from proposed plant will be on account of process emissions from stacks of existing Induction furnace as well as DG. Sets. The mitigation measure adopted as under: ➢ The main raw material and product will be brought in and dispatched by road through covered enclosures. ➢ All the vehicle owners will have valid PUC Certificate ➢ All vehicles are loaded up-to prescribed limit during transportation.

	➢ Dust suppression on haul roads will be done at regular intervals. ➢ Proper pollution control equipments like Multi-cyclone/bag filter will be provided. ➢ APCD solid waste after expansion will also be sent to TSDF site for final Disposal.
Air Quality Management:	
Emissions Management	➢ A stack of adequate height equipped with Bag filter will be installed with the Induction furnace to control the particulate and gaseous emissions due to combustion of fuel. ➢ All the roads are asphalted to control the fugitive dust emissions ➢ Proper servicing & maintenance of vehicles is/will be carried out. ➢ Green Belt around the periphery and within premises will be provided.
Monitoring Management	Ambient air quality and stack emission will be regularly monitored to ensure that ambient air quality standards and suggested limits on stack emission loads would be met honestly at all the time.
Impact on water	
Construction/ Operational phase	Water requirement of the plant will be meeting from existing tube well. Roof top rain water will be recharged to compensate ground water.
Water Management	
	➢ Fresh water requirement of the project will be met by existing tube well. ➢ Domestic waste water generated from the plant will be treated in Septic Tank and treated water will be used in green belt development. ➢ The cooling water will be re-circulated and cooling

	blow down will be dispose off through septic tank.
Impact on Noise	
Construction/ Operational Phase	The expected noise levels of some of the proposed equipment like Pumps (82-95 dB (A), Induction furnace (95-105 dB (A), DG sets (100-120 dB (A). The above noise levels worked out are without mitigation measures. With the mitigation measures the noise levels will be further restricted within very short distance from the source point. The operators/personnel working near the noise sources in the Plant will be provided with earmuffs and earplugs Green belt will be developed around the plant premises which will act as noise abatement measures.
Noise Management	
	➢ There will be no danger of noise pollution from plant. The green belt (plantation of dense trees across the boundary) helps in reducing noise levels in steel plant as a result of attenuation of noise generated due to plant operations and transportation. ➢ Earmuffs will be used while running the equipments of the plant. ➢ D.G sets will be provided with acoustic to control the noise level within the prescribed limit. ➢ A high standard of maintenance will be practiced for plant machinery and equipments, which helps to avert potential noise problems. ➢ Personal Protective Equipment like earplugs and earmuffs will be provided to the workers exposed to high noise level. ➢ Regular monitoring of noise level will be carried out.

Solid Waste Management	
Management	➢ APCD dust is being sent to TSDF site and slag from process is sent to low lying area for final disposal.
Green belt Management	
Management	➢ Green belt development in and around the plant site helps to attenuate the pollution level. ➢ Out of total plant area approx. 3-5% land is already developed as green belt and it will be maintained in future also. ➢ Green belt has been developed as per Central Pollution Control Board (CPCB) guidelines. ➢ Native species have been planted in consultation with the local DFO.

- The cost@ 60.0 lacs towards Environment Protection will be spent.
- The standard TORs prescribed by MoEF have been proposed.

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

1.	Properly filled form 1 & Pre-feasibility report	Yes
2.	Proof of ownership of land	Submitted
3.	Layout Plan	Submitted
4.	List of accredited EIA consultant organization with accredited sector of NABET	Submitted

On scrutinizing the application, following Essential details were sought online to which the project proponent has replied as under:-

Sr. NO.	EDS raised online	Reply submitted by Project Proponent
1.	The industry has mentioned that they have got the	The project proponent has submitted as under:- The Industry was granted consent to establish by Punjab Pollution Control Board, Patiala, Punjab, vide

	consent to establish for expansion in 2017 from Board for manufacturing of steel ingot from 70 TPD to 82 TPD. The project proponent is required to submit the details of furnace capacity & electric load available at that time with documentary evidence and justify that capacity of the furnace at that time was less than 30,000 TPA. The project proponent is required to justify that project at any stage has not violated the provisions of EIA notification, 1994 and EIA notification dated 14.09.2006.	letter no. ZO/LDH-2/2005/NOC-233 dated 12.01.2005 for manufacturing of steel ingot @70 TPD by installing induction furnace of capacity@5.0 TPH. The industry was again granted consent to establishment (CTE) for expansion vide letter no. CTE/exp/LDH2/2017/5530909 dated 12.05.2017 for manufacturing of Steel Ingot from 70 TPD to 82 TPD by replacing existing 5 TPH to 7 TPH.

Year of Estd.	Cap. of furnace	Power load	Total Prod.	Whether covered under EIA notification or not?
12.01.2005	5 TPH	2199 KW	70 TPD	The industry does not cover under EIA notification. 1994 because the cost to unit was less than Rs. 50 Crores.

		12.05.2017	7 TPH	4000 KW	82 TPD	The industry does not cover under EIA notification S.O. 3067(E) dated 01.12.2009 because the production capacity of the Industry was< 30,000 TPA
		The actual production for the month from June 2017 to 31 December 2017 was 11799.790 MT.				

The case is placed before the SEAC for its consideration.

Any other item with the approval of the Chair.

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Supplementary Agenda for the 162nd meeting of State Expert Appraisal Committee to be held on 15.02.2018 at 10.30 AM in the Committee Room, Punjab Pollution Control Board, Nabha Road, Patiala.

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Item no.162.13: Application for environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely Ubber Mews Gate located at Khanpur, Kharar, SAS Nagar Mohali by M/s Ubber Reality, SCO-1, VIP Enclave, Habitpur Road, Sector 5 Sadde Majra, DeraBassi- Proposal No. SIA/PB/NCP/71296/2017.

The facts of the case are as under:-

M/s Ubber Reality has applied for obtaining environmental clearance under EIA notification dated 14.09.2006 for establishment of group housing project namely Ubber Mews Gate located at Khanpur, Kharar, SAS Nagar Mohali. 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 21317 sqm and the total built up area of the Project is 46622 sqm. The proposal is to construct 431 flats having estimated population@2155 persons.
- The area of the site has been earmarked as residential area in Master Plan.
- The total water requirement will be 323 KLD which includes fresh water requirement @ 226 KLD. The fresh water requirement will be met through own tubewell and remaining 97 KLD will be met through recycling of treated wastewater.
- The total wastewater generation from the project will be 258 KLD, which will be treated in a STP of capacity 275 KLD to be installed at project site including wet weather flow. The treated waste water @ 258 KLD will be used in three different seasons as under:

  In summer season, the project proponent has proposed to utilize 97 KL/day of treated wastewater for flushing purpose, 18 KLD for green area & 143 KLD will be discharged into MC sewer. In winter season, 97 KL/day of treated wastewater for flushing purpose, 8 KLD for green area & 153KLD will be discharged into MC sewer. In rainy season, 97 KL/day of treated wastewater for

flushing purpose, 5KLD for green area & 156KLD will be discharged into MC sewer.

- About 3208 sqm area has been earmarked for green area development at site.
- The project proponent has submitted letter no. 1194 dated 17/11/2017 issued by EO, MC, Kharar wherein it has been mentioned that solid waste generated will be collected by MC, Kharar on depositing the requisite charges as framed by Deptt. of Local Bodies, Govt. of Punjab.
- The position of Municipal sewer is at a distance of 173 mtr from project site and the same has been marked on the layout plan. The project proponent has submitted letter no. 1195 dated 17/11/2017 issued by EO, MC, Kharar wherein it has been mentioned that sewer facility of MC Kharar is not available in the vicinity of site. However, to implement the project scheme of 100 % water supply & sewerage disposal in the jurisdiction of MC Kharar, the project is under progress. After the sewer is laid in the vicinity of the project, the firm can connect its 335 KLD treated waste water line with Municipal sewer.
- The total quantity of solid waste generation will be 862 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 & collected through chute system. Biodegradable waste will be composted through Mechanical Composter. The non-biodegradable waste & Recyclable waste will be sold to authorized venders. Inert waste will be sent to Municipal dumping site.
- The total load of electricity required for said project will be 2300 KW which will be taken from the PSPCL. There is a proposal to install silent 3 nos. DG Sets (1 X 500 KVA, 1X 240 KVA & 1x 125 KVA) as stand-by arrangement.
- The project proponent has also proposed to provide rain water harvesting pits to recharge the rain water.
- Solar energy will be used for street light as well as in the parks in phased manner.
- LED lamps and energy efficient electrical gadgets shall be used.
- As per the energy saving detail, total energy saved per day will be 207 KW/h.

- 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.
- For implementation of EMP, Rs. 79.5 lacs as capital cost, Rs. 6.5 lacs as recurring cost & Rs. 5.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred in construction phase whereas in operation phase, Rs. 10.5 lacs as recurring cost, Rs. 6.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred.
- The project proponent has proposed to spend 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) Providing jobs to nearby people will be given priority
b) Widening of road in the vicinity of the project.
c) Providing toilets in government schools.
d) Environmental Awareness Camps in the 10 km area.

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

1.	Properly filled Form 1 & 1A	Yes
2.	(a) **In case(s) where land has already been purchased/acquired:** Proof of ownership of land (b) **In case where land is yet to be purchased/acquired:** Proof of ownership of land (existing owner) such as copy of latest Jamabandi (not more than one month old) and credible document showing status of land acquisition w.r.t. project site as prescribed in OM dated 07.10.2014 issued by MoEF)	copy of jamabandi, registry and joint development agreement 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 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; a) Water and Sewerage connection A letter from concerned Local Body/Authority giving details about existing status of sewer connectivity and availability of water supply in the area and acceptance of Local Body for taking the quantity of sewage to be generated by the proposed project and providing the water supply. Existing position of public sewer and water supply line duly marked on the lay out map/plan.	a) Submitted a copy of permission letter from MC, Kharar b) Submitted a copy of permission letter from MC, Kharar

	b) Collection of Solid waste.	
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 as Municipal sewer exists in 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: seac_pb@yahoo.com 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 at least one groundwater sample from the said aquifer should be monitored and reports be attached accordingly. (v) The noise monitoring is to be carried	Submitted and concentration of all the parameters are within the prescribed limits.

	out from all the corners of the project site as well as from the center 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 all undertakings
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 /	a) submitted b) submitted c) submitted 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. e) Rs. 79.5 lacs as capital cost, Rs. 6.5 lacs as recurring cost & Rs. 5.90 lacs /annum for monitoring of air, noise & water as recurring cost will beincurred in construction phase whereas in operation phase, Rs. 10.5 lacs as recurring cost, Rs. 6.90 lacs /annum for monitoring of air, noise & water as recurring cost will be incurred.

	organization, who will be responsible for implementation of EMP after the lapse of the period for which the project proponent is responsible.	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.
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 project proponent has proposed to spend 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) Providing jobs to nearby people will be given priority b) Widening of road in the vicinity of the project. c) Providing toilets in government schools. d) Environmental Awareness Camps in the 10 km area.
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	Submitted

	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.	**For expansion projects:** i. All the columns in the application form may be got filled in three parallel columns i.e. Existing, Proposed and Total. ii. In case of increase in no. of storeys, Structural Safety/ Stability Certificate may be required from the Approved Engineer. iii. The existing building plan may be got super imposed with the proposed building plan and be marked in different colors. iv. Specify the adequacy of internal water supply system, sewer line and STP for the proposed expansion/revision.	Not Applicable
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.	Not Applicable

Environmental Engineer, PPCB, RO, Mohali was requested vide email dated 14.12.2017 to send the latest construction status of the project site. The status report was awaited.

The case was placed before SEAC in its 160th meeting held on 22.12.2017 but could not be taken up due to paucity of time. The SEAC decided to defer the case & to take up the same in its next meeting.

Subsequently, report from Environmental Engineer, PPCB, RO, Mohali wasreceived vide letter no. 5770 dated 19.12.2017 and it has been reported as under:-

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

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

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

The case was considered by the SEAC in its 161st meeting held on 16.01.2018, which was attended by the following on behalf of the project proponent:

(i) Sh. Ranjit Singh , Liaison Officer, Promoter Company

(ii) Sh. Sital Singh, CEO, M/s CPTL, Chandigarh, Environment consultant of the promoter company.

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

Sh. Ranjit Singh submitted an authority letter wherein he alongwith Sh. Deepak Gupta, Environmental Advisor have been authorized by Sh.Harjinder Singh, Authorized Signatory of the Promoter Company to attend the meeting of SEAC 16.01.2018.The same was taken on record by the SEAC.

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

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

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

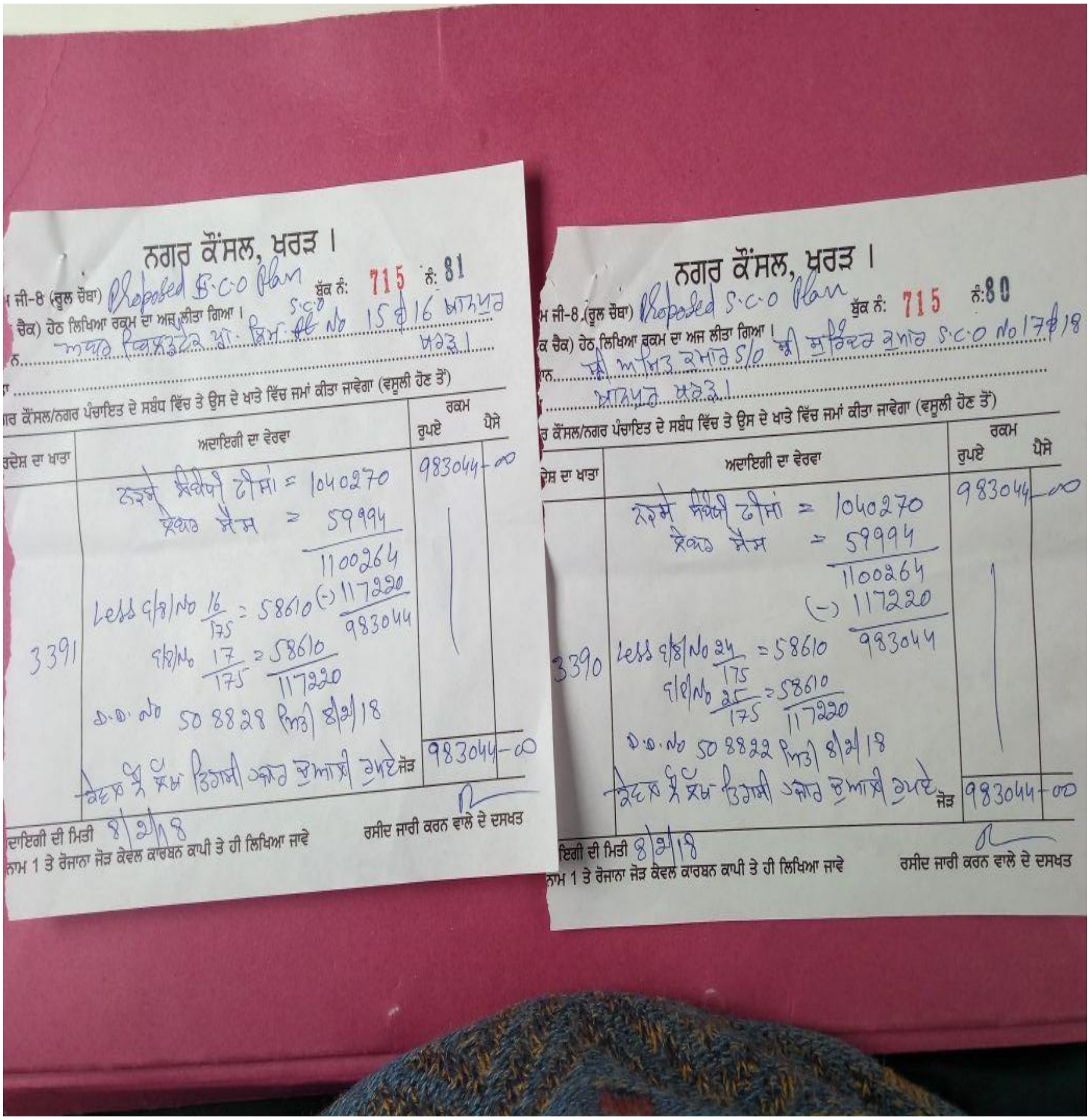
Now, Environmental Engineer, PPCB, RO, Mohali vide its email dated 13.02.2018 has reported as under:-

"It is intimated that the promoter company has submitted a copy of some receipts dated 08.02.2018 of proposed SCO plans, issued by the Municipal Council, Kharar as documentary evidence in this Office. The said receipts are in the name of different project proponents/ persons, i.e. Sh. Amit Kumar, M/s Ubberbuildtech and M/s

Rajdhani projects. Sh. Deepak Gupta, Environmental Consultant of the promoter company was contacted telephonically, and he informed that these receipts are for the payment made to the MC, Kharar, for approval of the layout plans of the SCOs which are to be constructed in front of the project namely Ubber Mews Gate located at Khanpur, Kharar. He further intimated that the said showrooms (SCOs) are got approved individually by their respective owners from the MC, Kharar and the same are not a part of the main project and is a separate commercial area. However, the promoter company has not submitted any approved layout plans/ site plans of either the main project or the said commercial area.

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

Copy of Receipts



ਨਗਰ ਕੌਂਸਲ, ਖਰੜ ।

...ਜੀ-8 (ਰੂਲ ਚੌਥਾ) Proposed S.C.O Plan ਬੁੱਕ ਨੰ: 715 ਨੰ: 81

...ਚੈਕ) ਹੇਠ ਲਿਖਿਆ ਰਕਮ ਦਾ ਅਜ ਲੀਤਾ ਗਿਆ । S.C.O No 15 & 16 [illegible]

[illegible] ਖਰੜ।

...ਰ ਕੌਂਸਲ/ਨਗਰ ਪੰਚਾਇਤ ਦੇ ਸਬੰਧ ਵਿੱਚ ਤੇ ਉਸ ਦੇ ਖਾਤੇ ਵਿੱਚ ਜਮਾਂ ਕੀਤਾ ਜਾਵੇਗਾ (ਵਸੂਲੀ ਹੋਣ ਤੋਂ)

...ਦੇਸ਼ ਦਾ ਖਾਤਾ	ਅਦਾਇਗੀ ਦਾ ਵੇਰਵਾ	ਰਕਮ ਰੁਪਏ	ਪੈਸੇ
3391	[illegible] = 1040270 [illegible] = 59994 1100264 Less G/8/No 16/175 = 58610 (-) 117220 983044 G/8/No 17/175 = 58610 117220 D.D. No 508828 [illegible] 8/2/18	983044	00
	[illegible] ਜੋੜ	983044	00

...ਦਾਇਗੀ ਦੀ ਮਿਤੀ 8/2/18 — ਰਸੀਦ ਜਾਰੀ ਕਰਨ ਵਾਲੇ ਦੇ ਦਸਖਤ

...ਮ 1 ਤੇ ਰੋਜਾਨਾ ਜੋੜ ਕੇਵਲ ਕਾਰਬਨ ਕਾਪੀ ਤੇ ਹੀ ਲਿਖਿਆ ਜਾਵੇ

ਨਗਰ ਕੌਂਸਲ, ਖਰੜ ।

...ਜੀ-8 (ਰੂਲ ਚੌਥਾ) Proposed S.C.O Plan ਬੁੱਕ ਨੰ: 715 ਨੰ: 80

...ਚੈਕ) ਹੇਠ ਲਿਖਿਆ ਰਕਮ ਦਾ ਅਜ ਲੀਤਾ ਗਿਆ । [illegible] S.C.O No 17 & 18

[illegible] S/O [illegible]

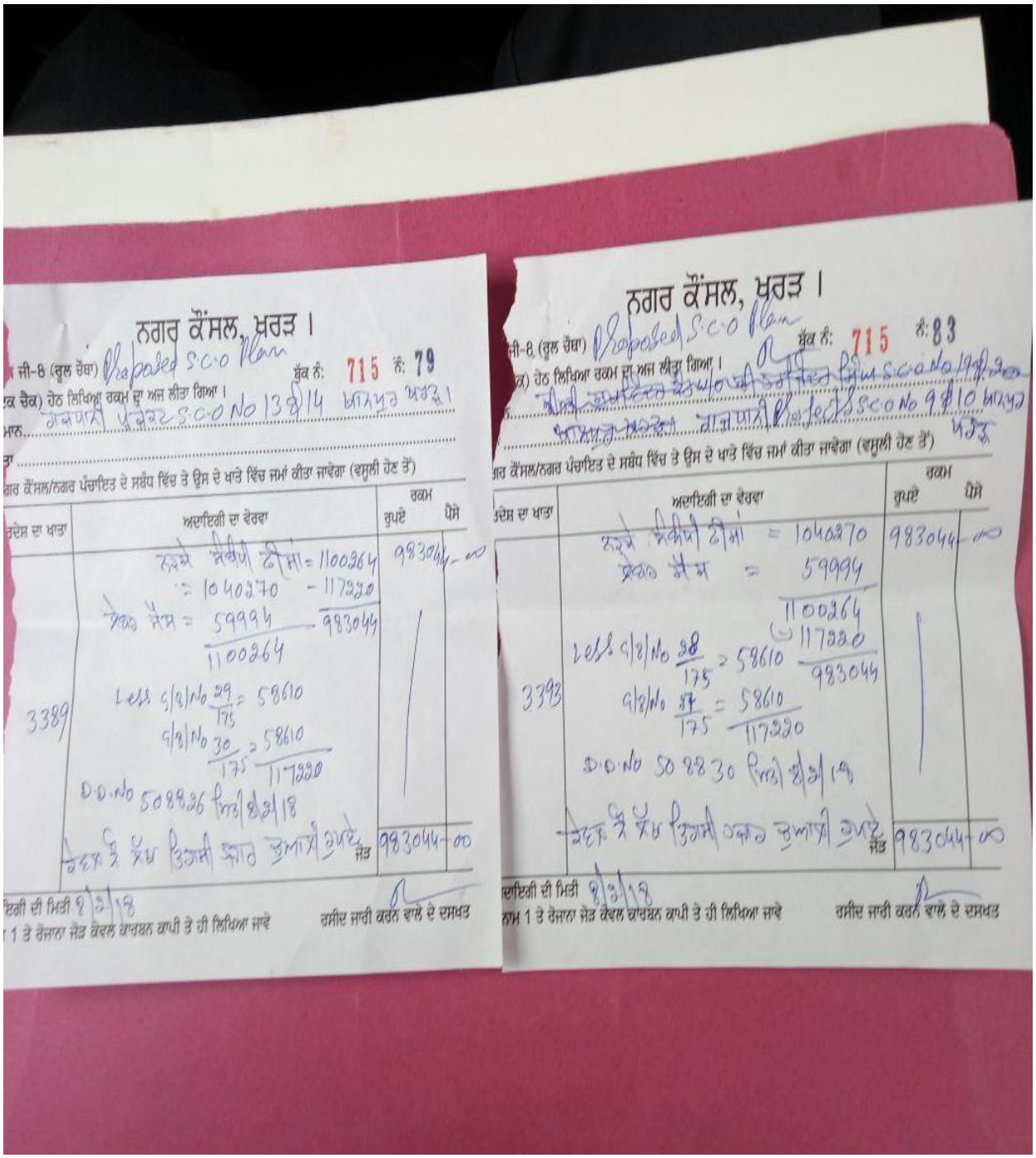
[illegible] ਖਰੜ।

...ਰ ਕੌਂਸਲ/ਨਗਰ ਪੰਚਾਇਤ ਦੇ ਸਬੰਧ ਵਿੱਚ ਤੇ ਉਸ ਦੇ ਖਾਤੇ ਵਿੱਚ ਜਮਾਂ ਕੀਤਾ ਜਾਵੇਗਾ (ਵਸੂਲੀ ਹੋਣ ਤੋਂ)

...ਸ਼ ਦਾ ਖਾਤਾ	ਅਦਾਇਗੀ ਦਾ ਵੇਰਵਾ	ਰਕਮ ਰੁਪਏ	ਪੈਸੇ
3390	[illegible] = 1040270 [illegible] = 59994 1100264 (-) 117220 983044 Less G/8/No 24/175 = 58610 G/8/No 25/175 = 58610 117220 D.D. No 508822 [illegible] 8/2/18	983044	00
	[illegible] ਜੋੜ	983044	00

...ਇਗੀ ਦੀ ਮਿਤੀ 8/2/18 — ਰਸੀਦ ਜਾਰੀ ਕਰਨ ਵਾਲੇ ਦੇ ਦਸਖਤ

...ਮ 1 ਤੇ ਰੋਜਾਨਾ ਜੋੜ ਕੇਵਲ ਕਾਰਬਨ ਕਾਪੀ ਤੇ ਹੀ ਲਿਖਿਆ ਜਾਵੇ



ਨਗਰ ਕੌਂਸਲ, ਖਰੜ ।

ਜੀ-8 (ਰੂਲ ਚੌਬਾ) Proposed S.C.O Plan

ਚੈਕ) ਹੇਠ ਲਿਖਿਆ ਰਕਮ ਦਾ ਅਜ ਲੀਤਾ ਗਿਆ ।

ਬੁੱਕ ਨੰ: 715 ਨੰ: 79

ਮਾਨ..... ਰਜਧਾਨੀ ਪ੍ਰੋਜੈਕਟ S.C.O No 13 ਖਰੜ ਖਰੜ

ਤਾ .....

ਗਰ ਕੌਂਸਲ/ਨਗਰ ਪੰਚਾਇਤ ਦੇ ਸਬੰਧ ਵਿੱਚ ਤੇ ਉਸ ਦੇ ਖਾਤੇ ਵਿੱਚ ਜਮਾਂ ਕੀਤਾ ਜਾਵੇਗਾ (ਵਸੂਲੀ ਹੋਣ ਤੋਂ)

ਤਦੇਸ਼ ਦਾ ਖਾਤਾ	ਅਦਾਇਗੀ ਦਾ ਵੇਰਵਾ	ਰਕਮ ਰੁਪਏ	ਰਕਮ ਪੈਸੇ
3389	ਨਕਸ਼ੇ ਸੈਕਟਰੀ ਟੀਮਾਂ = 1100364 = 1040270 - 117220 ਫੀਸ = 59994 — 983044 1100264 Less S/B/No 29/175 = 58610 S/B/No 30/175 = 58610 117220 D.D.No 508836 Rs 8/3/18 ਦਰਖਾਸਤ ਨਾਲ ਲਿਆਂਦੀ ਰਕਮ ਵਾਪਸ ਕੀਤੀ ਜਾਵੇ	983044-	00
	ਜੋੜ	983044-	00

ਟਿਗੀ ਦੀ ਮਿਤੀ 8/3/18

1 ਤੇ ਰੋਜਾਨਾ ਜੋੜ ਕੈਦਲ ਕਾਰਬਨ ਕਾਪੀ ਤੇ ਹੀ ਲਿਖਿਆ ਜਾਵੇ

ਰਸੀਦ ਜਾਰੀ ਕਰਨ ਵਾਲੇ ਦੇ ਦਸਖਤ

ਨਗਰ ਕੌਂਸਲ, ਖਰੜ ।

ਜੀ-8 (ਰੂਲ ਚੌਬਾ) Proposed S.C.O Plan

ਹੇਠ ਲਿਖਿਆ ਰਕਮ ਦਾ ਅਜ ਲੀਤਾ ਗਿਆ ।

ਬੁੱਕ ਨੰ: 715 ਨੰ: 83

ਰਜਧਾਨੀ ਪ੍ਰੋਜੈਕਟ S.C.O No 9 ਖਰੜ

ਗਰ ਕੌਂਸਲ/ਨਗਰ ਪੰਚਾਇਤ ਦੇ ਸਬੰਧ ਵਿੱਚ ਤੇ ਉਸ ਦੇ ਖਾਤੇ ਵਿੱਚ ਜਮਾਂ ਕੀਤਾ ਜਾਵੇਗਾ (ਵਸੂਲੀ ਹੋਣ ਤੋਂ)

ਤਦੇਸ਼ ਦਾ ਖਾਤਾ	ਅਦਾਇਗੀ ਦਾ ਵੇਰਵਾ	ਰਕਮ ਰੁਪਏ	ਰਕਮ ਪੈਸੇ
3393	ਨਕਸ਼ੇ ਸੈਕਟਰੀ ਟੀਮਾਂ = 1040270 ਫੀਸ = 59994 1100364 Less S/B/No 28/175 = 58610 — 117220 S/B/No 27/175 = 58610 117220 D.D.No 508830 Rs 8/3/18	983044-	00
	ਜੋੜ	983044-	00

ਦਾਇਗੀ ਦੀ ਮਿਤੀ 8/3/18

ਨਾਮ 1 ਤੇ ਰੋਜਾਨਾ ਜੋੜ ਕੈਦਲ ਕਾਰਬਨ ਕਾਪੀ ਤੇ ਹੀ ਲਿਖਿਆ ਜਾਵੇ

ਰਸੀਦ ਜਾਰੀ ਕਰਨ ਵਾਲੇ ਦੇ ਦਸਖਤ

The case is placed before the SEAC for consideration.

Item No.162.14:Application for issuance of TOR under EIA notification dated 14.09.2006 for expansion of paper manufacturing industry without pulp manufacturing in Village- Bhanri, Maine Road, Patiala, Punjab by M/s DSGPapersPrivate Limited(Proposal no SIA/PB/IND2/21853/ 2018)

The facts of the case are as under: -

The project proponent has filed application for issuance of TOR under EIA notification, 2006 for expansion of paper manufacturing industry without pulp manufacturing in Village- Bhanri, Maine Road, Patiala, Punjab. The project is covered under Category 5(i), of Schedule of the Notification – read as "Pulp & paper industry excluding manufacturing of paper from waste paper and manufacture of paper from ready pulp without bleaching" of the Schedule appended to the said notification. The details of the project as given in form 1 and other documents are as under:-

- The Directors of the company are as under:

  Mr. Manoj Gupta

  Mr. SurajBhan

  Mrs. Neeru Gupta

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

S. No.	PARTICULARS	EXISTING	PROPOSED	TOTAL
A	**PRODUCTS**			
1	Papers (writing & printing/poster/tissue/Kraft/board)(TPD)	125	475	600
2	Power generation (MW)	5.5	15.5	21
B	**RAW MATERIAL**			
1	Waste Paper and pulp (TPD)	150	570	720
2	Other inputs	a) Power KW.hour/MT – ~1000 b) Steam (MP/LP) MT/MT – ~2.5 c) Quick lime* kg/MT – ~20		

		d) Calcium carbonate (PCC) – ~200 kg/MT e) Alkyl ketone dimer (AKD) – ~22kg/MT f) Caustic – ~4 kg/MT g) Chlorine* – ~17 kg/MT h) De-inking chemicals – ~1.3 kg/MT i) Starch/DSR – ~4 kg/MT j) Sodium silicate – ~5 kg/MT k) Hydrogen peroxide – ~5 kg/MT l) Sodium hydro-sulphite – ~5 kg/MT m) Dye – ~0.35 kg/MT n) RDA – ~3 kg/MT ** required only for chemical bleaching.*		
C	**GENERALS**			
1	Project Cost (Crores)	98	125	223
2	Land (Acres)	34.8	--	34.8
3	Power (MW)	5.5	15.5	21
4	Manpower (nos)	250	600	850
5	Working days	24 hrs 360 working days in year		
D.	**AIR ENVIRONMENT**			
1.	Boilers	20 MT/hour 14 MT/hour		160 MT/hour (multiple boilers)
2.	Fuel • Pet coke • Rice husk/biomass	 2 + 1.4 MT/hour 5.5 + 4 MT/hour		 15 MT/hour 40 MT/hour

E.	**WATER ENVIROMENT**			
1.	Gross water requirement (process)	6750 m^3/day	23250m^3/day	30000 m^3/day
2.	Fresh water requirement	1200 m^3/day	5300 m^3/day	6500 m^3/day
3.	Gross Wastewater generation	6500 m^3/day		29000 m^3/day
4.	Treated Wastewater for process reuse	5500 m^3/day		25500m^3/day
5.	Wastewater for disposal	1000 m^3/day		3500 m^3/day
F.	**TYPE OF WASTE**			
	Solid/hazardous waste • Boiler ash (max.) • Process waste (32.3) • ETP sludge (35.3) • Spent lubricant (*5.1*)	 ~14 MT/day ~15 MT/day ~6 MT/day ~200 kg/year		 ~110 MT/day ~65 MT/day ~26 MT/day ~500 kg/year

- **Electrical Power Co-Generation**

The industry has installed gross self-generation capacity of about 5.5 MW. The thermal power cogeneration will increase to ~21 MW. The industrial unit will install multiple high pressure boilers, aggregating to ~160 MT/hour @65 Ata, to meet the steam requirements. The boiler furnace will use pet coke or bio-mass (rice husk, paddy straw, etc.) as fuel. The estimated fuel requirement will be either pet coke (@~15 MT/hour) or bio-mass (@~40 MT/hour).

- **Water Environment:**

The industrial unit uses water (directly or indirectly) in various processes whereas in certain portions of process, the process water is reused (as it is) or

recycled (after treatment). Some fresh water is added into the system to compensate for loss of water from the system.

Total water throughput requirement is about 50 m^3/MT of paper. Out of this, ~10 m^3 is satisfied through use of fresh water (mostly in paper machines). Remaining (~40 m^3) is met through continuously re-circulating back water. Some water (~48 m^3/MT of paper) is rejected from various processes into the ETP. The contribution to effluent is chiefly from the following processes;

a) Centri-cleaner (stage-1) rejects – ~1 m^3/MT of paper
b) Blow-down from disparger – ~21 m^3/MT of paper
c) Rejects from de-inking – ~19 m^3/MT of paper
d) Centri-cleaner (stage-2) rejects – ~1 m^3/MT of paper
e) Overflows (from various holding tanks/back water tank), water treatment plant rejects, boiler blow-down, etc. – 5-7 m^3/MT of paper

The treated effluent (~85-90%, i.e., ~42-45 m^3/MT of paper) is recycled back for reuse into the process. Remaining treated wastewater is discharged. Water lost through evaporation (or as moisture content of the product) is ~1.5 m^3/MT of paper.

Additionally, ~2 m^3 of treated (DM) water per MT of paper will be required as boiled feed water make-up. The water treatment plant reject will be totally reused in the process.

Thus, averaged on daily basis, for the proposed expansion;

a) Total water (process) requirement – ~30000 m^3/day
b) Total fresh water (process) requirement – ~6500 m^3/day
c) Total effluent generation – <29000 m^3/day
d) Treated effluent for reuse – >25500 m^3/day
e) Treated effluent for disposal – <3500 m^3/day

The treated effluent, for disposal (onto land for irrigation), must satisfy the following standards;

a)	pH	–	7-8.5
b)	BOD_3, 27°C	–	≤30 mg/l
c)	COD	–	≤350 mg/l
d)	TSS	–	≤100 mg/l
e)	AOX	–	≤1 kg/MT of paper produced

- The waste water generated from domestic & cooling tower is being/will treated through septic tank and is being/will used for plantation within premises.
- **Air Environment**

  The air pollution is a result of the combustion process. The flue gas coming out of the furnace will need to be cleaned before discharging it into the atmosphere.

- The industry is having two Boilers of capacity 20 MT/hour & 14 MT/hour and after expansion, the total capacity of the boilers will be 160 MT/hour (multiple boilers). Presently, the industry is using the fuels namely Pet coke & Rice husk/biomass@ 5.5 T/hr.
- **Solid/ Hazardous waste:**

The wastes will include;

Process waste– ~65 MT/day of solid rejects (from impurities and foreign matter associated with waste paper). This will comprise of fine/shredded plastic, rejected pulp, grit/dirt, metallic pins, etc. More that 50% of it is reusable for paper board making.

ETP sludge – ~26 MT/day. These sludge, mostly fibres, are used by paper board making units as part of raw material.

Boiler furnace ash – ~110 MT/day (on dry basis), which will be used as soil conditioner and will be distributed among farmers of the surrounding area.

Waste/used oil/lubricant (Category 5.1 of Schedule-I) – ~500 kg//year. The waste will be stored on-site in an covered room before being disposed through authorized recyclers.

- Baseline data for the proposed plant will collected immediately after monsoon season**.** Primary data will be collected by monitoring & surveying of various environmental components / parameters in the core zone during the study period, details of which are given as under:-

S. NO.	PARAMETERS	DESCRIPTION
1	Meteorology	Meteorological parameters on hourly basis at project site. Parameters: Temperature, Relative humidity, Wind Speed & Wind Direction.
2	Air	Ambient air quality monitoring (24 hourly), twice a week. Parameters are PM_{10}, $PM_{2.5}$, SO_2, NO_2&CO.No. of Locations: 8 locations in core and buffer zone.
3	Noise	Noise level monitoring (Day & Night time), once in a season. No. of Locations: 8 locations in core and buffer zone.
4	Water	Ground water sampling, once in a season.No. of Locations: 8 locations in core and buffer zone. Tested for physical and chemical parameters.
5	Soil	Soil sampling, once in a season. No. of Locations: 6 locations in core and buffer zone.
6	Biological Factors	Biodiversity survey, once in a season. Location: Core and buffer zone.
7	Socio-economic Environment	Socio-economic survey, once in a season. Location: Core and buffer zone.

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

PARTICULARS	DETAILS
Impact on Air	

Construction/ Operational Phase	Air emissions both gaseous from proposed plant will be on account of process emissions from stacks of existing boiler furnace & proposed boiler as well as DG. Sets. The mitigation measure adopted as under: ➢ All the vehicle owners will have valid PUC Certificate ➢ All vehicles are loaded up-to prescribed limit during transportation. ➢ Dust suppression on haul roads will be done at regular intervals. ➢ Proper pollution control equipments like Multi-cyclone/bag filter will be provided.
Air Quality Management:	
Emissions Management	➢ A stack of adequate height equipped with ESP/Bag filter will be installed with the boiler furnace to control the particulate and gaseous emissions due to combustion of fuel. ➢ All the roads are asphalted to control the fugitive dust emissions ➢ Proper servicing & maintenance of vehicles is/will be carried out. ➢ Green Belt around the periphery and within premises will be provided.
Monitoring Management	Ambient air quality and stack emission will be regularly monitored to ensure that ambient air quality standards and suggested limits on stack emission loads would be met honestly at all the time.
Impact on water	
Construction/ Operational phase	Water requirement of the plant will be meeting from existing

	tube well. Roof top rain water will be recharged to compensate ground water.
Water Management	
	➢ Fresh water requirement of the project will be met by existing tube well. ➢ Domestic waste water generated from the plant will be treated in the ETP, and treated wastewater will be used in green belt development.
Impact on Noise	
Construction/ Operational Phase	The expected noise levels of some of the proposed equipment like Pumps (82-95 dB (A), boiler furnace (95-105 dB (A), DG sets (100-120 dB (A). The above noise levels worked out are without mitigation measures. With the mitigation measures the noise levels will be further restricted within very short distance from the source point. The operators/personnel working near the noise sources in the Plant will be provided with earmuffs and earplugs Green belt will be developed around the plant premises which will act as noise abatement measures.
Noise Management	
	➢ There will be no danger of noise pollution from plant. The green belt (plantation of dense trees across the boundary) helps in reducing noise levels in steel plant as a result of attenuation of noise generated due to plant operations and transportation. ➢ Earmuffs will be used while running the equipments of the plant.

	➢ D.G sets will be provided with acoustic to control the noise level within the prescribed limit. ➢ A high standard of maintenance will be practiced for plant machinery and equipments, which helps to avert potential noise problems. ➢ Personal Protective Equipment like earplugs and earmuffs will be provided to the workers exposed to high noise level. ➢ Regular monitoring of noise level will be carried out.
Solid Waste Management	
Management	➢ Process sludge & sludge from treatment facility is being re-used for manufacturing of card board. Fly ash from boiler will be disposed off as per norms of SPCB. Used oil from the DG set is being used as lubricant for machines.
Green belt Management	
Management	➢ Green belt development in and around the plant site helps to attenuate the pollution level. ➢ Out of the total plant area approx. 20% land is already developed as green belt and it will be maintained in future also. ➢ Green belt has been developed as per Central Pollution Control Board (CPCB) guidelines. ➢ Native species have been planted in consultation with the local DFO.

- Thecost@ 210.0lacs towards Environment Protection will be spent.
- The standard TORs i.e. TORs prescribed by MoEF&CC for category 5 (I) of the Schedule of EIA notification i.e. category - Pulp & paper industry excluding manufacturing of paper from waste paper and manufacture of paper from ready

pulp without bleaching have been proposed by the project proponent**.**

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

1.	Properly filled form 1 & Pre-feasibility report	Yes
2.	Proof of ownership of land	Submitted
3.	Layout Plan	Submitted
4.	List of accredited EIA consultant organization with accredited sector of NABET	Submitted

On scrutinizing the application, following Essential details were sought online to which the project proponent has replied as under:-

EDS raised online
The industry has mentioned that they are having valid consent to operate from Board for manufacturing of paper & paper products @ 125 TPD. No copy of consent to operate has been attached and it is not known when the said Consent to operate was granted. The project proponent is required to submit the documentary proof of initial establishment of the project with capacity at that time, any expansion done thereafter and present installed capacity. The project proponent is required to justify that project at any stage has not violated the provisions of EIS notification, 1994, EIA notification dated 14.09.2006 and its amendments.

Reply submitted by the project proponent

Permission	**Date**	**Product**	**Basic Raw material**
EC, SCA, Punjab under Press Note 17 (1984 series)	03.01.2006	Writing & printing paper (@75 MT/day)	Waste paper @90 MT/day
CTO, PPCB	28.12.2007	Writing & printing paper	Waste paper @90

		(@75 MT/day)	MT/day
CTO (expansion), PPCB	03.01.2014	Writing & printing paper (@75 MT/day) **Semi kraft/writing/tissue paper* (@ 50 MT/day)** Precipitated calcium carbonate (@ 20 MT/day) Co-generation power plant of capacity 5.5 MW	Waste paper

**** with physical deinking process, no chemical bleaching involved***

As per the EIA Notification, 2006, dated 14th September, 2006, the pulp and paper industry was covered under Category 5(i), of Schedule of the Notification – read as "Pulp & paper industry excluding manufacturing of paper from waste paper and manufacture of paper from ready pulp without bleaching".

The entry of the schedule was amended vide S.O. 1599(E), dated 25 June, 2014 – read as "Paper manufacturing from waste paper pulp and ready pulp without deinking, bleaching, colouring is exempt".

From the above facts, it is evident that the project did not require EC from MoEFCC at any earlier stage.

The case is placed before the SEAC for its consideration.

Item No.162.15: Application for issuance of TOR under EIA notification dated 14.09.2006 forExpansion of existing water based paints, powder coating paints and emulsion manufacturing facilities in itsIntegrated Paint Manufacturing Facility at Phase II, Goindwal Industrial Complex, Village - Goindwal Sahib, Tehsil- Khadur Sahib,District- Tarn Taran, Punjabby M/s Kansai NerolacPaints Limited(Proposal no SIA/PB/IND2/21582/ 2018)

The facts of the case are as under: -

Earlier, the promoter Company has obtained Environmental clearance granted under EIA notification dated 14.09.2006 for establishment of "Integrated Paint Manufacturing Facility" in the plot A1, Phase 2, Goindwal Industrial Complex Goindwal Sahib, Tarn taran District, Punjab for manufacturing of Water based paints @ 38000TPA, powder coating paints @14400TPA and Emulsion @24000TPA vide letter no. 3726 dated 05.12.2016.The promoter company while obtaining the said environmental clearance has submitted that the integrated paint manufacturing facility will be set up in two phases with zero liquid discharge facility. In Phase-1, Water Based Paints manufacturing facility with capacity 38000 MTA & Emulsion as an intermediate with capacity 24000 MTA will be set up. In Phase -2, Powder coating paint manufacturing with a total capacity of 14400 will be set up.

Now, the promoter company has filed application for issuance of TOR under EIA notification, 2006 for Expansion of existing water based paints,powder coating paints and emulsion manufacturing facilitiesin its Integrated Paint Manufacturing Facility at Phase II, Goindwal Industrial Complex, Village - Goindwal Sahib, Tehsil- Khadur Sahib, District- Tarn Taran, Punjab. The project is covered under Category 5(h), of Schedule of the Notification – read as "Integrated paint industry" of the Schedule appended to the said notification. The details of the project as given in form 1 and other documents are as under:-

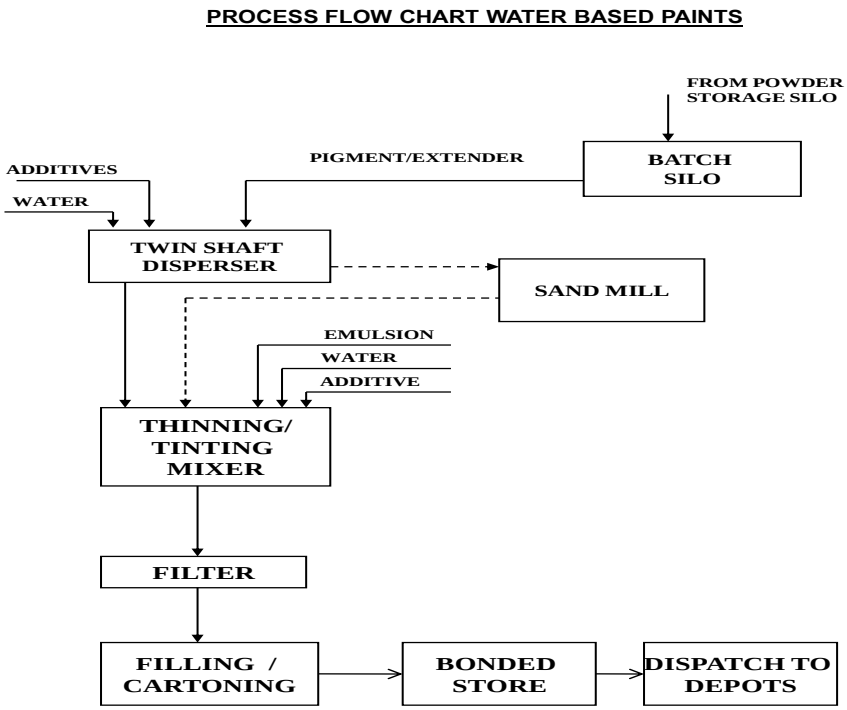
- The Vice President of the Promoter Company is Sh. AbhijitNatoo.

- The project site is located in an state notified industrial area i.e. Goindwal industrial area and the allotment letter has been issued to the Promoter Companyby the Punjab Small Industries & export Corporation Ltd (PSIEC).
- Total Plot area is 1, 42,179 m^2. Out of it, approx. 7750 m^2 will be processing zone.33 % of total plot area will be developed as greenbelt with three layers of tree in the periphery of the proposed Plant.
- The details are given in the tabulated form as under:-

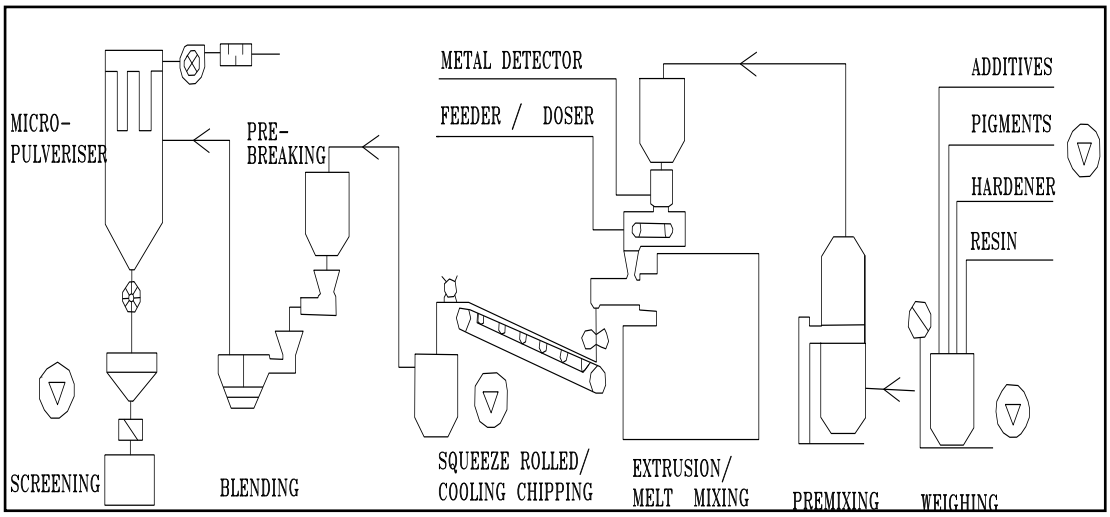
A. Product Details

S.No.	Name of Products	Unit	Production capacity	Proposed Expansion	Total Capacity
1	Water based paints	TPA	38000	74000	112000
2	Powder coating paints	TPA	14400	nil	14400
3	Emulsion	TPA	24000	12000	36000

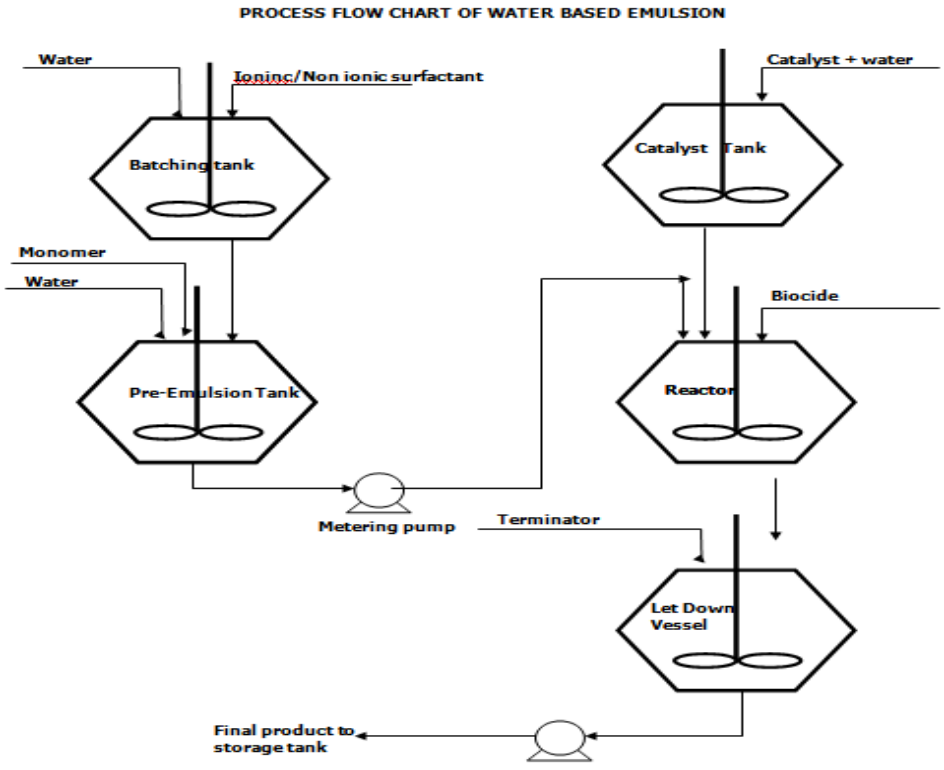
Process Flow Diagram – Water Based Paints



Process Flow Diagram – Powder Coating Paints



Process Flow Diagram – Water Based Emulsion



B. Raw Material Details

The major raw materials required for manufacture of Paint are Additives, Biocides, Driers, Emulsions, Extenders, Pigments, and Solvents, Miscellaneous (Water &Others)

Raw Material

S. No.	Chemical	Existing Consumption (MT/Month)	Proposed Consumption (MT/Month)	Total Consumption (MT/Month)
1.	Additives	105	205	310
2	Biocides	55	107	162
3	Driers	1	2	3
4	Emulsion	967	1883	2850
5	Extenders	1382	2691	4073
6	Pigments	130	253	383
7	Liquor ammonia	9	18	27
8	Chemicals	38	74	112
9	TiO2	246	479	725
10	Water	1917	3733	5650
11	Additive	22	0	22
12	Catalyst	0.5	0	0.5
13	Extender	444	0	444
14	Hardener	7	0	7
15	Metallic Pigment	0.2	0	0.2
16	Pigment	99	0	99
17	Resin	650	0	650
18	Wax	3	0	3
19	Additives	3.1	1.6	4.7
20	Chemicals	93.2	46.8	140
21	Monomer	924.3	462.2	1386.5
22	Liquor ammonia	16.3	8.2	24.5

S. No.	Chemical	Existing Consumption (MT/Month)	Proposed Consumption (MT/Month)	Total Consumption (MT/Month)
23	De-ionized water	981	490.5	1471.5
24	Biocides	2.5	1.25	3.75

Raw Material Storage Details

S. No.	Chemical	State	Storage means	Size of storage means	Consumption (MT/Month)
	Product: Water based paint				
1.	Additives	Powder & liquid	Bag, barrel &Carboy	Bag: 25 kg Barrel: 200 liters Carboy: 25 Liters.	310
2	Biocides	Powder & liquid	Bag, barrel &Carboy	Bag: 25 kg Barrel: 200 liters Carboy: 25 Liters.	162
3	Driers	Liquid	Barrel	200 Liters	3
4	Emulsion	Liquid	Barrel, Carboy, Storage Tank	Barrel: 200 Liters Carboy: 25 Liters Storage Tank: 30 KL	2850
5	Extenders	Powder	Bag	25 Kg	4073
6	Pigments	Solid, Liquid, Paste	Bag , Carboy	Bag:25 Kg Carboy: 25 Kg	383
7	Liquor ammonia	Liquid	Carboy	Carboy: 25 Liter	27
8	Chemicals	Powder, Solid	Bag	25 Kg	112
9	TiO2	Powder	Bag	25 Kg	725
10	Water	Liquid	Storage Tank	60 KL	5650
	Product: Powder coating paint				
11	Additive	Solid	Bag	25 kg	22

S. No.	Chemical	State	Storage means	Size of storage means	Consumption (MT/Month)
12	Catalyst	Solid	Bag	25 kg	0.5
13	Extender	Solid	Bag	25 kg	444
14	Hardener	Solid	Bag	25 kg	7
15	Metallic Pigment	Solid	Bag	25 kg	0.2
16	Pigment	Solid	Bag	25 kg	99
17	Resin	Liquid, Solid	Barrel, Bag	200 Liter, 25 Kg	650
18	Wax	Solid	Bag	25 kg	3
	Product : Emulsion				
19	Additives	Powder	Bag	20 kg	4.7
20	Chemicals	Powder, Liquid	Bag, Carboy, Barrel	Bag- 25 kg Carboy: 25 liter Barrel: 200 liter.	140
21	Monomer	Liquid	Storage Tank	Styrene :60 KL Other Monomers– 100 kl	1386.5
22	Liquor ammonia	Liquid	Carboy	25 liters	24.5
23	De-ionized water	Liquid	Storage tank	60 KL	1471.5
24	Biocides	Liquid	Carboy	25 liters	3.75

C. Material Balance

S. No.	Input/MT of Product	
	Raw Materials	**Quantity (MT/MT)**
Product: Water Based Paint		
1	Additives	0.0218
2	Biocides	0.0113
3	Driers	0.0002
4	Emulsion	0.2006
5	Extenders	0.2868
6	Pigments	0.0270

S. No.	Input/MT of Product	
	Raw Materials	**Quantity (MT/MT)**
7	Liquor Ammonia	0.0018
8	Chemicals	0.0078
9	TiO2	0.0509
10	Water	0.3978
Total		**1.006**
Product: Powder coating paint		
1.	Additive	0.0180
2	Catalyst	0.0004
3	Extender	0.3698
4	Hardener	0.0056
5	Metallic Pigment	0.0002
6	Pigment	0.0826
7	Resin	0.5416
8	Wax	0.0023
Total		**1.0205**
Product: Emulsion		
1	Additives	0.0015
2	Biocides	0.0013
3	Monomer	0.4621
4	Chemicals	0.0466
5	Liquor Ammonia	0.0082
6	De-ionized water	0.4904
Total		**1.0101**

S. No.	Output/MT of Product					Remark
	Product	**Liquid Effluent**	**Air Emission**	**Recovery/ Product**	**Solid Waste**	
1	Water based paints (with traces of	0.0035	0.0005	1	0.002	1. Effluent after separation of solid is sent to

S. No.	Input/MT of Product					
	Raw Materials				**Quantity (MT/MT)**	
	biocide/fungicide as preservative)					ETP 2. Dust collected in dust collector is recycled. 3. Solid waste is sent to TSDF
2	Powder coating paints	0	0.0110	1	0.0095	1. Powder fines are collected and recycled 2. Solid waste is sent to TSDF
3	Emulsion	0.0037	0	1	0.0064	1. Effluent sent to ETP for treatment 2. Solid waste sent to TSDF for disposal
Total		**0.0072**	**0.0115**	**3**	**0.0179**	
		3.0366				

D. Water Environment

Water supply: Bore well / Tube well from PSIEC

Water Consumption

S. No.	Area of Consumption	Existing water requirement KLD	Proposed water requirement KLD	Total water Requirement
1	RO Plant	157	187	339

i	Paint Manufacturing (Product water)	50	98	148
ii	Boiler	15	12	27
iii	DM plant	40	21	61
(a)	Emulsion Manufacturing (Product water)	39	20	59
2	Cooling tower	217	0	217
3	Washings	48	20	48
4	Gardening	45	0	15
5	Others (Fire-fighting, etc.)	15	20	47
6	Domestic	27	0	45
Total water consumption		**504**	**227**	711
Recycled water from recycling RO & MEE condensate		**134**	**75**	165
Fresh Water consumption		**370**	**152**	**546**

Wastewater Generation Details

S. No.	Area of Consumption	Existing Waste water generation KLD	Proposed Waste Water Generation, KLD	Total waste water Generation, KLD
1	RO	47	56	103
i	Paint Manufacturing (Product water)	0	0	0
ii	Boiler	1	1	2
iii	DM plant	1	1	2
a)	Emulsion Manufacturing (Product water)	0	0	0
2	Cooling Tower	39	0	39
3	Washing	47	18	65
4	Gardening	0	0	0
5	Others (Fire-fighting, etc.)	0	0	0
6	Domestic	25	16	41
Total		**160**	**92**	252

E. Fuel Consumption

Sr. No.	Stack Attached to	Existing Capacity	Proposed Capacity	Stack Nos.	Type of Fuel used	Fuel consumption	Remarks
1	Boiler	300 kg/hr	450 kg/hr	1	HSD	27 kg/hr	Capacity increased
2	Boiler	900 kg/hr	1000 kg/hr	1	HSD	50 kg/hr	Capacity increased
3	DG set	2000KVA	2000 KVA	2	HSD	344 kg/hr	No change
4	DG set	0	500 KVA	1	HSD	76 kg/hr	New added

Note: DG Sets will be used only during Power failure.

F. Quantity of waste to be generated (liquid and solid) and scheme for their management /disposal

S. No.	Type of Waste	Hazardous Waste Category	Existing Quantity per Year	Proposed Quantity per year	Total Quantity per year	Source	Method of Collection
1	ETP sludge	34.3	50 Tons	45 Tons	95 Tons	ETP	TSDF
2	Used/spent oil	5.1	5 Tons	1	6 Tons	DG set, Compressor, gear box	PPCB approved authorized recycler
3	Oil/grease scheming residue	34.4	2 Tons	1	3 Tons	ETP	PPCB approved authorized recycler
4	Process waste/residue/ sludge	21.1	36 Tons	64	100 Tons	Paint Manufacturing process	TSDF
5	Contaminated cotton	21.2	10 Tons	5	15 Tons	Paint manufacturi	TSDF

	waste/liner					ng process	
6	Filler residue	21.2	15 Tons	15	30 Tons	Paint manufacturing process	TSDF
7	Discarded containers/Bags, barrel liners	33.3	97920 nos	10000 nos	197920 Nos	Paint manufacturing process	PPCB approved party
8	MEE Salt	34.3	34 Tons	17 Tons	51 Tons	ETP	TSDF

- The standard TORs i.e. TORs prescribed by MoEF&CC for category 5 (h) of the Schedule of EIA notification i.e. category - Integrated paint industry have been proposed by the project proponent**.**

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

1.	Properly filled form 1 & Pre-feasibility report	Yes
2.	Proof of ownership of land	Submitted
3.	Layout Plan	Submitted
4.	List of accredited EIA consultant organization with accredited sector of NABET	Submitted

The case is placed before the SEAC for its consideration.

Item No.162.16:Application for issuance of TOR under EIA notification dated 14.09.2006 for expansion of sugar plant (7,000 TCD to 12,000 TCD) and Co-generation power plant of 37 MWin Village-Randhawa,Tehsil-Dasuya, District-Hoshiarpur, Punjab by M/s A. B. SUGARS LIMITED (Proposal no SIA/PB/IND2/21656/ 2018)

The facts of the case are as under: -

Earlier, environment clearance was granted by MoEF&CC vide letter no. J-11011/764/2007-IA II (I) dated 3rd June, 2010 for 7000 TCD and cogeneration power plant of 33 MW on plot area 170 acre. Punjab Pollution Control Board has already granted consent to operate under the Water Act, 1974 vide letter dated 5.08.2014valid upto 31.03.2019 for manufacturing of sugar @700 TPD and Co-generation power plant@33 MW from sugar-cane@7000 TCD & other raw materials.

Now, the project proponent has filed application for issuance of TOR under EIA notification, 2006 for expansion of sugar plant (7,000 TCD to 12,000 TCD) and Co-generation power plant of 37 MW in Village-Randhawa, Tehsil-Dasuya, District-Hoshiarpur, Punjab. The project is covered under Category 5(j), of Schedule of the Notification – read as "Sugar Industry" of the Schedule appended to the said notification.

The details of the project as given in form 1 and other documents are as under:-

- The President of the company is Sh. Ramandeep Singh.
- The other details are given in the tabulated form as under:-

DETAILS	EXISTING	PROPOSED	AFTER EXPANSION
Activity	Sugar Manufacturing Unit and Co-generation power plant		
Location	Village-Randhawa, Tehsil-Dasuya, District-Hoshiarpur, Punjab		
Plot Area (sqm)	6,87,966 sqm (170 Acres) Sugar Plant Area- 59 acre	-	6,87,966 sqm (170 Acres) Sugar Plant Area- 59 acre
Production	Sugar - 7000 TCD	-	Sugar - 12,000 TCD

Capacity	Co-generation power plant - 33 MW		Co-generation power plant - 37 MW
Estimated Cost	208 Crore	17 Crore	225 Crore
Employment	217	33	250
Power Requirement	-	-	13,500 Kw/hr
DG Sets	1 x 500 KVA and 1 x 725 KVA	-	1 x 500 KVA and 1 x 725 KVA
Boiler	80 TPH and 120 TPH	2 X 32 TPH	80 TPH, 120 TPH& 2 x 32 TPH
Air Pollution Control Devices	Stack, Wet Scrubber, Electrostatic Precipitator (ESP)	-	Stack, Wet Scrubber, Electrostatic Precipitator (ESP)
Total Water Requirement	6275 KLD	4296 KLD	10571 KLD
Fresh Water Requirement	1363 KLD	864 KLD	2227 KLD
Waste Water Generation	1870 KLD	1366 KLD	3236 KLD
Water Source	Bore Well	-	Bore Well
Water Pollution Control Devices	STP - 250 KLD ETP - 3500 KLD		STP - 250 KLD ETP - 3500 KLD
Rain Water Harvesting Pit	3	5	8

A. Details of Raw Material Requirement

S.NO	RAW MATERIAL	DAILY CONSUMPTION (Existing)	DAILY CONSUMPTION (Proposed)	DAILY CONSUMPTION (Expansion)
1	Lime	10.5 MT	7.5 MT	18 MT
2	Sulphur	4.2 MT	5 MT	7.2 MT
3	Biocide	70 kg/day	50 kg/day	120 kg/day
4	Magnafloc	21 kg/day	15 kg/day	36 kg/day
5	Phosphoric Acid	35 kg/day	25 kg/day	60 kg/day

6	Colour Precipitation	100 kg/day	70 kg/day	170 kg/day
7	Sugarcane	7,000 TCD	5,000 TCD	12,000 TCD

B. Details of Products and Production

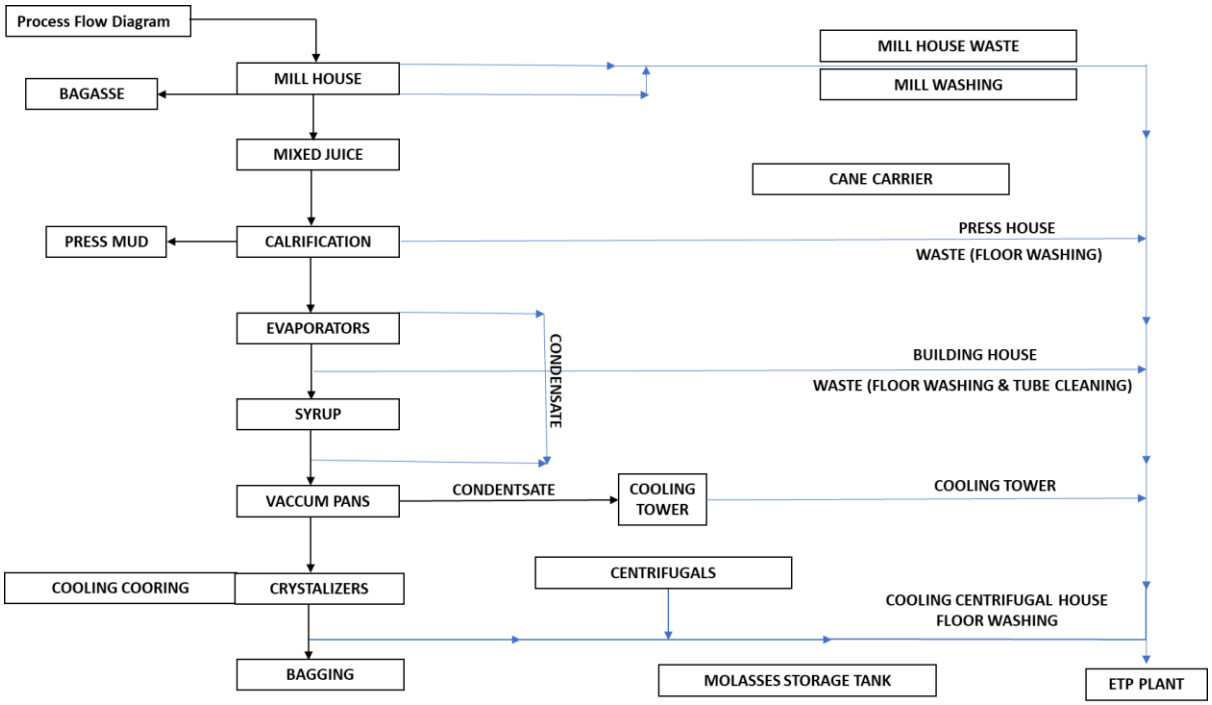
SUGAR

S. No	PRODUCT	EXISTING Qty. (Tonnes/day)	PROPOSED Qty. (Tonnes/day)	TOTAL Qty. (Tonnes/day)
1	L Quality Sugar (31)	77	55	132
2	M Quality Sugar (31)	616	440	1056
3	S Quality Sugar (31)	77	55	132
	Total	**770**	**550**	**1320**

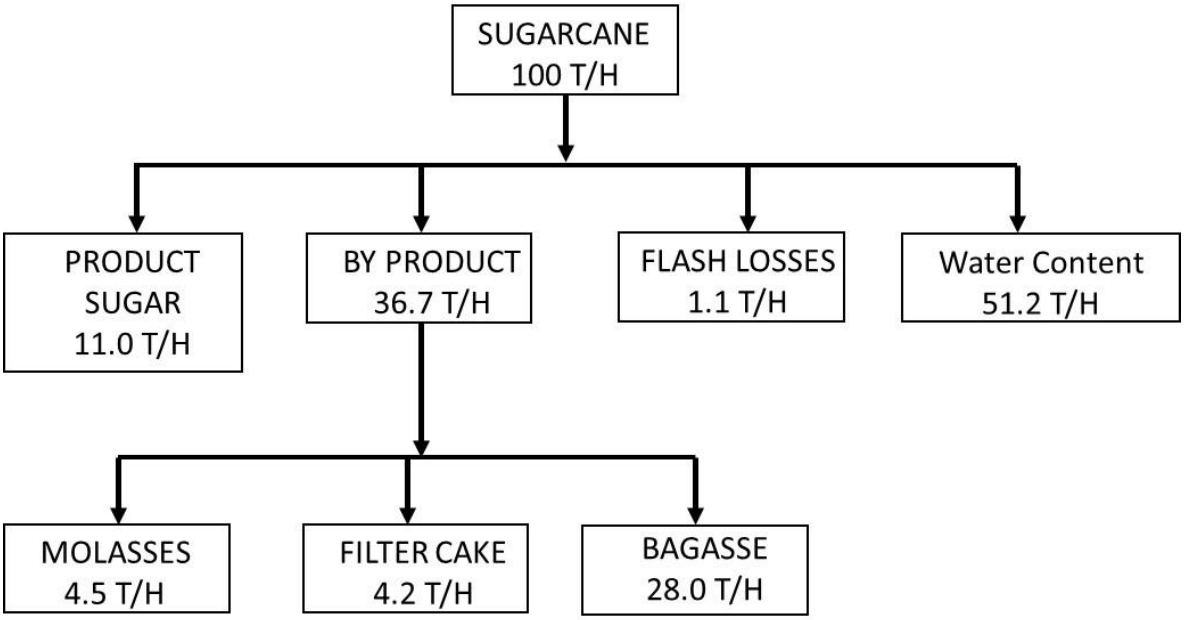
C. CO- GENERATION POWER PLANT

S. No	PRODUCT	EXISTING	PROPOSED	TOTAL
1.	Sailing Power	23 MW	-	23 MW
	Captive Power	10 MW	4 MW	14 MW
	Total Power Generation	**33 MW**	**4 MW**	**37 MW**

D. Process Flow Diagram



E. Material Balance



- **Environment Management**

a) Manpower

Total Population after Expansion	**280**
Total employees	250 (Existing 217, Proposed-33)
Visitors (Average)	30

b) Water Management

The present total water consumption is around **6275 KLD** and the total quantity of water required after the implementation of the proposed expansion activity is estimated as **10571 KLD.**Extraction of water from ground is being done.In existing unit, the present total waste water generation from Unit is 1870 KLD including 120 KLD of domestic waste water. Process water is being treated ETP of 3500 KLD & domestic waste water in STP of 250 KLD. After expansion, total waste water generation will be 3236 KLD including 120 KLD of domestic waste water. The capacity of STP & ETP will remain the same is will suffice for the treatment of increased waste water.

Water consumption

S. No	Description	Existing (KLD)	Proposed (KLD)	Total (KLD)
1	For process/Boiler/Cogeneration	2798	2418	5216
2	Cooling Tower	1834	878	2712
3	Domestic Usage	135	-	135
4	Gardening	1508	1000	2508
	Total	**6275 KLD**	**4296 KLD**	**10571 KLD**

Wastewater generation

S. No	Description	Quantum of effluent (KLD)		
		Existing	**Proposed**	**Total**
1	Process/Boiler/Cogeneration	1660 (process) +90 (Boiler)	1302 (process) + 64 (Boiler)	2962 (process) +154 (Boiler)
2	Cooling Tower	NIL	NIL	NIL
3	Domestic	120	0	120
4	Gardening	NIL	NIL	NIL
TOTAL TRADE EFFLUENT		1750	1366	3116
Total Quantity of Sewage		**120**	-	120
Total Quantity of Waste Water		**1870 KLD**	**1366 KLD**	**3236 KLD**

c) Waste Generation and Management

i) Municipal solid waste:

Category	Type of Waste	Color of Bins	Disposal Method	(Existing) Total Waste (Kg/day)	(After Expansion) Total Waste (Kg/day)
Bio Degradable	Organic Waste (Includes Food & Kitchen Waste, Leaves etc.)	Green	MSW Site	24	28
Non-Biodegradable	Recyclable Waste (Includes Poly-bags, Plastic, wood, paper, glass, containers	Blue	Approved Recycler	10	12

	etc.)				
	Total			**34 Kg/day**	**40 Kg/day**

ii) **Process waste:**

Process Waste	**Existing (Tonnes/day)**	**Proposed (Tonnes/day)**	**Total (Tonnes/day)**	**Disposal Method**
Bagasse	1960	1400	3360	Used as fuel in Boiler for producing Steam
Ash Content	29	21	50	Ash is being disposed offwithin the site. 7-acre area has been allocated for disposal of ash in the premises.
Molasses	315	225	540	Used in existing Distillery for Alcohol Production present in the premises.
Press Mud/Filter Cake	294	210	504	It shall be sold out to the farmers and brick manufactures. It shall not be kept in the premises.

iii) Hazardous Waste

Used Oil Approximately 15 lt/month of used oil shall be generated from the DG Sets. It Shall be disposed in leak proof containers & disposed only to authorized re-processors/ authorized common collection center provided the oil meets the standards as per schedule -5 Part A rules

Sludge from Plant Effluent Treatment Plant

Approximately 2000 Kg/day of ETP sludge shall be generated from waste water of ETP. It shall be Stored in secured manner and sent to authorized TSDF.

d) Details of Air Emissions and Control

SL No.	**Existing Air pollution**	**Type of fuel**	**Fuel Qty.**	**Pollution control measures**	**Chimney height AGL**	**MOC**	**Proposed change after expansion**

	sources						
1.	80 TPH boiler	Bagasse	37 tph	Stack, Wet Scrubber & ESP	Height - 50 Mts stack AGL Dia – 2.0 m	MS	No change
3.	120 TPH Boiler	Bagasse	47 tph	Stack, Wet Scrubber & ESP	Height - 65 Mts stack AGL Dia – 2.5 m	MS	No change
4.	500 KVA DG SET	HSD	100 l/hr	Stack, acoustic enclosures	6Mts stack AGL	MS	No change
5.	725 KVA DG SET	HSD	150 l/hr	Stack, acoustic enclosures	6 Mts stack AGL	MS	No change

Proposed:

SL No.	**Addition of Air pollution sources after expansion**	**Type of fuel**	**Fuel Qty.**	**Pollution control measures**	**Chimney height AGL**	**MOC**
1.	2 x 32 TPH boiler	Bagasse	30 tph	Stack, Wet Scrubber	Height - 50 Mts stack AGL Dia – 2.0 m	MS

e) The standard TORs for Category 5(j), of Schedule of the Notification – read as "Sugar Industry" of the Schedule have been proposed by the project proponent**.**

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

1.	Properly filled form 1 & Pre-feasibility report	Yes
2.	Proof of ownership of land	Submitted

3.	Layout Plan	Submitted
4.	List of accredited EIA consultant organization with accredited sector of NABET	Submitted

The case is placed before the SEAC for its consideration.

Item No.162.17: Application for issuance of TOR under EIA notification dated 14.09.2006 for establishment of 100 MT/Day Formaldehyde Plant at Plot No. C-18, Focal Point, Mandi Gobindgarh, District Fatehgarh Sahib by M/S Bansal Chemicals Industries (Proposal no SIA/PB/IND2/21055/ 2018)

The facts of the case are as under: -

The project proponent has filed application for issuance of TOR under EIA notification, 2006 for establishment of 100 MT/Day Formaldehyde Plant at Plot No. C-18, Focal Point, Mandi Gobindgarh, District Fatehgarh Sahib. The project is covered under Category 5(f), of Schedule of the Notification – read as "Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates" of the Schedule appended to the said notification. The details of the project as given in form 1 and other documents are as under:-

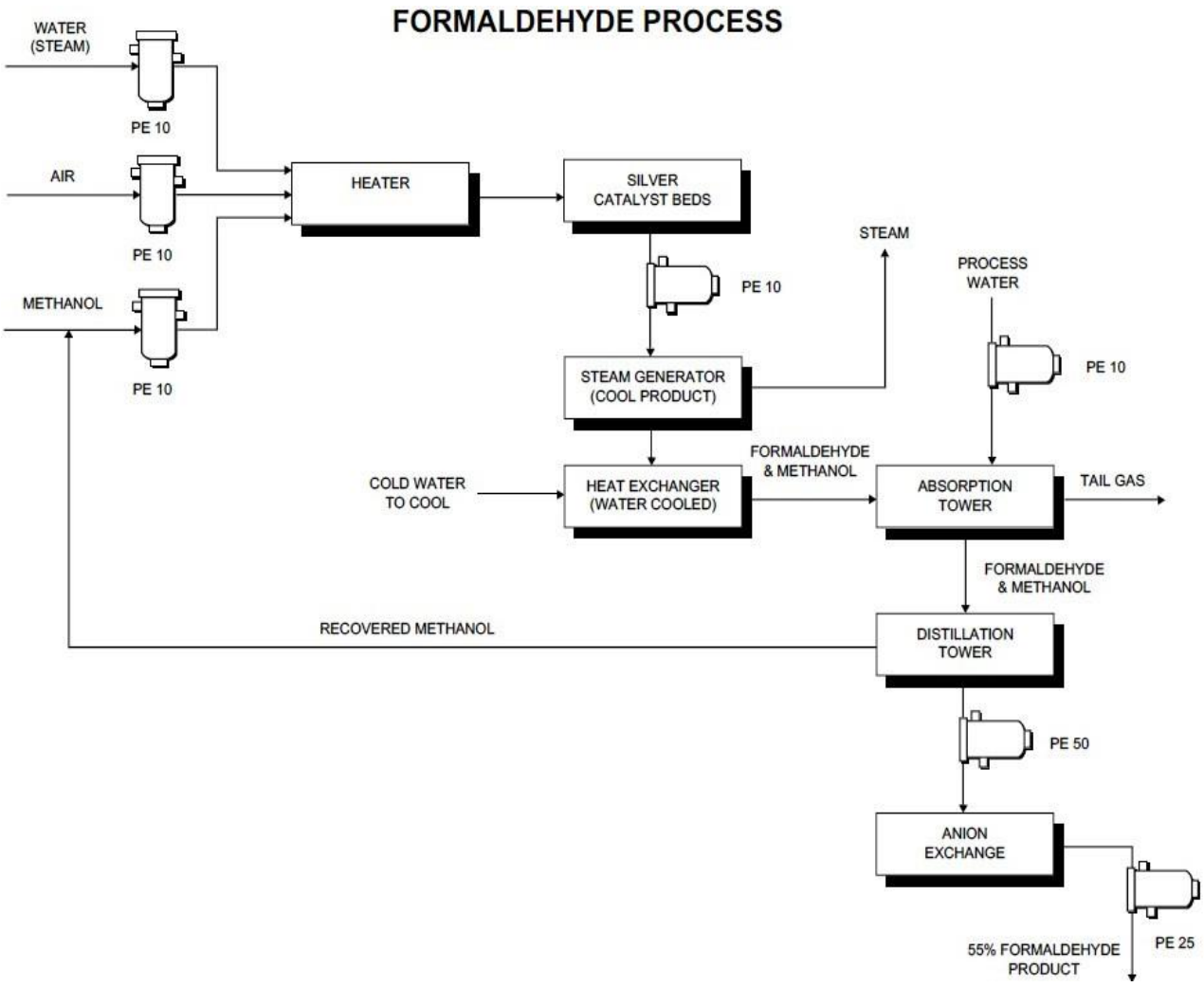
- The Partners of the company are Sh. Satpal Bansal & Sh.Bhupinder Bansal.
- The proposed production capacity of formaldehyde is 100 MT/Day. The estimated project cost is about 432.74 Lakhs.
- The list of raw materials required for manufacturing of aforesaid product is a sunder:-

S. No	Raw Material	Quantity used Kg / Tons HCHO
1.	Methanol	460
2.	Water (D.M water)	500
3.	Air	900

- Formaldehyde is the oxidation/dehydrogenation product of methanol with oxygen in the presence of Silver catalyst. Finished products specification (Per Ton of Formaldehyde) are as under:-
    - Formaldehyde: 37%-45%± 0.25%
    - Methanol content :1.0 %-3.0 %

- Acidity: 0.01% Max (normally below 0.005%)
- pH: 3.5-4.0
- Iron: 2.0 PPM Max
- Ash: 0.01 % max

➢ **Process Flow Diagram**



➢ The plant and machinery being proposed to be used in the complex is given below:

Item No	**Material Of Construction/Specification**	**Quantity**
Heat Exchanger	Plate Type	5

Root Blower	Alloy Steel Cast	1
Pumps	Of various sizes for process	6
Pipelines	SS304 and MS Of Different Sizes	As per requirement
Valves	SS/MS Of Different Sizes	As per requirement
Rotameter	Metallic/Glass Tube Type	As per requirement
Filters	For Methanol, Methanol/water Mix	4
Gaugaes	SS/MS temperature gauges	As per requirement
Structured packing+ packing rings Air	Str. Pkg+ PP rings for Absorption column & washer	As per requirement
Electricals	Electrical cables ,Motors etc	As per requirement
Hardware Items	Steam Traps, Copper wire Netting, packing Gaskets, nuts, Bolts, washers etc	As per requirement
Baby Boiler	600 Kg capacity on and at 100 ^{o} C(vertical)	1
Cooling tower	FRP/wooden forced draft	1
Laboratory	Suitable for testing of Formaldehyde Methanol as per standard	As per requirement
Water treatment Plant	For softener and RO water	1

- **Water management**

Source of water supply

Approx 75 KLD of Ground Water by tubewell and the rest will be sourced from PSIEC. Process water is 100 % reused within the process. The complex is zero discharge complex from process. Consumption & discharge is given below:

Use	Water Consumption per day KLD	Loss / waste - water generation KLD
D.M. Water Production	55	5
Formaldehyde Process	50	10
Cooling Water (Make Up Water)	15	2
Boiler	5	1
Domestic Water requirement	1	0.80
Flushing Water Requirement	1	1
Water requirement in Green Area	1.2	NIL

- **LIQUID WASTE**

  Proposed unit shall be a zero discharge unit.

- **PROCESS WASTE**

As per present scheme, no process waste will be generated, if in case generated shall be stored and disposed off at Treatment Storage and Disposal Facility (TSDF) approved by Pollution Control Board at Nimbuan, DeraBassi, Distt Mohali.

- **HAZARDOUS WASTE**

Used oil from machineries/D.G. Set will be carefully stored in HDPE drums in isolated covered facility. The used oil will be sold to vendors authorized by Central Pollution Control Board for the treatment of the same. Suitable care will be taken so that spills / leaks of used oil from storage could be avoided.

- **AIR EMISSION & CONTROL**

All the exhaust gas emissions will be channelized all through the process and will be reused for various purposes like heating & remaining chemical utilization. At the end, the remaining gas will be exhausted through a chimney. Emissions from production processes will contain exhaust gasses which shall contain only Nitrogen, Hydrogen, Carbon dioxide, Carbon Monoxide, VOC and traces of Formaldehyde and Methanol. To control the air emissions from D.G. Set, stack height of 4.0 m shall be provided above the roof level of D.G. Set. Multi fuel boiler shall be installed for heating load of the plant, this shall be based on biomass combustion from local areas and waste wood chips of the plant.

- **Power Requirement and Source**

Total Power Requirement of the plant is 160 KW which will be sourced from Punjab State Power Corporation Limited. 152 KVA of DG Set has been proposed.

- The standard TORs i.e. TORs prescribed by MoEF&CC for category 5 (f) of the Schedule of EIA notification i.e. category - Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic

chemicals and chemical intermediates have been proposed by the project proponent**.**

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

1.	Properly filled form 1 & Pre-feasibility report	Yes
2.	Proof of ownership of land	Submitted
3.	Layout Plan	Submitted
4.	List of accredited EIA consultant organization with accredited sector of NABET	Submitted

Environmental Engineer, PPCB, RO, Fatehgarh Sahib was requested vide email dated 07.02.2018 to send the latest construction status of the project site.

Environmental Engineer, PPCB, RO, Fatehgarh Sahib vide its return mail dated 13.02.2018 has intimated as under:-

"It is intimated that M/ s Bansal Chemical Industries had earlier applied for obtaining regulatory approval and fiscal incentives to Punjab Bureau of Investment and Promotion (PBIP), Chandigarh for establishment of new unit at Plot No. B-12, Industrial Focal Point, Mandi Gobindgarh, Distt. Fatehgarh Sahib for the manufacturing of Formaldehyde @ 100 T/day by using methanol and water as raw material. The comments were sent to PBIP vide this office letter no. 959 dated 6/6/2017.

Now, as per the application received through e-mail from your good office on 7/2/2018, the industry has now proposed to install the same unit as mentioned above at Plot no. C-18, Focal Point, Mandi Gobindgarh. The site of the proposed industry was visited by the AEE of this office on 9/2/2018 to check the status. During the visit, it was observed that the site is located in the industrial focal point, Mandi Gobindgarh and earlier there was foundry unit running at this site with the name of M/s Nal Neel Castings, which is lying closed as per inventory of this office. The main gate of the premises was found locked and one old cupola furnace was found standing inside the premises. There were lot of shrubs observed in the

premises and the physical condition indicated that the industry is lying closed since long time.”

The case is placed before the SEAC for its consideration.