

To: No. SEIA/49

State Level Environmental Impact Assessment Authority

Subject: Application for obtaining Environmental Clearance under EIA Notification

Preliminary

Thapar University, Patiala

State of Punjab, Government of India

The application of Thapar University, Patiala, for expansion of Thapar University in the revenue declared under Environmental Notification No. 99007/49/06 in the revenue declared under Environmental Notification No. 99007/49/06.

Patiala

Thapar University, Patiala

Application for obtaining Environmental Clearance under EIA Notification

Submit:

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Thapar University, Patiala

State of Punjab, Government of India


dated 4/9/2006

For expansion of Thapar University in the revenue declared under Environmental Notification No. 99007/49/06.

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Plumston and Gledhill House and the former Cockpit Centre on the old school site have been proposed for demolition to allow the development of the new school. The proposed school will include a new main entrance, a new hall, a new science block, and a new art block. The new school will also include a new sports hall, a new music room, and a new library. The project is expected to be completed in 2023.
National Green Tribunal Act, 2010

Any appeals against the environmental clearance shall lie with the National Green Tribunal.

Provision shall be made for the holding of public hearings within the site with all necessary infrastructure and facilities such as audio-visual media, mobile toilets, buildings due to circumstances. The type and size of the site of the proposed project shall be determined by the National Green Tribunal.

The approval of the competent authority shall be obtained before the project is planned and constructed.

The audit committee, if any, shall be appointed from the Piped Water Pollution Control Board under the Act (Prevention & Control of Pollution (Act 1986)) and the Environment Impact Assessment Authority.

Before the start of any construction work, the following are required:

1. An Environmental Impact Assessment Report
2. A copy of the environmental impact assessment
3. A copy of the assistance provided by SEAC

The proposed project shall be planned in accordance with the provisions of the Act.

In the absence of the competent authority to accept the necessary environmental clearance, the project proposal shall be subject to the condition that no work shall be started on the site.

The SEAC, in addition to the proposed measures, shall be subject to the condition an application by the applicants to SEAC regarding the location of the site.

The SEAC’s approval for the proposed project is subject to the satisfactory completion of the SEAC, and the SEAC cannot grant the necessary environmental clearance for the proposed project.

Part A - Specific Conditions

The Case was heard by the SEAC in 10.1 meeting held on 13.02.2016. The SEAC has accepted the case and is hereby considered by the SEAC under SEAC’s provisions.

The Committee observed that the project proposal has been adequately and satisfactorily

The Committee observed that the project proposal has been adequately and satisfactorily considering the observations passed by the competent authority, the project proposal was accepted.

The case was heard by the SEAC in its 13th meeting held on 20.11.2015.

The case was considered by the SEAC in its 14th meeting held on 04.12.2015.

The case was considered by the SEAC in its 15th meeting held on 18.12.2015.

The case was considered by the SEAC in its 16th meeting held on 20.12.2015.

The case was considered by the SEAC in its 17th meeting held on 21.01.2016.

The case was considered by the SEAC in its 18th meeting held on 04.02.2016.

The case was considered by the SEAC in its 19th meeting held on 06.03.2016.

The case was considered by the SEAC in its 20th meeting held on 10.03.2016.
The project proposal will provide dual plumbing systems for new construction. To address possible contamination, water systems will be designed to ensure the health and safety of the public and to comply with local and state regulations. The proposal includes the following measures:

1. High-quality water systems with redundant water supply and flow control to prevent contamination.
2. Design of water systems to ensure dual plumbing systems are properly maintained.
3. Regular testing of water systems to confirm their effectiveness.
4. Clear communication with residents and public officials to ensure awareness.
5. Implementation of water conservation practices to reduce waste.

The proposal also includes provisions for the future expansion of the water system to accommodate growth. The proposed water system will be designed to meet all local and regional requirements. The project is expected to be completed within 18 months from the start of construction.

The purpose of this proposal is to ensure the long-term sustainability of the water supply system. The project will be awarded to the contractor who can provide the best value for money, while ensuring compliance with all relevant regulations and standards.

Conservation Phase:

(a) Water conservation measures will be implemented to reduce water usage.
(b) Use of low-flow fixtures and water-efficient appliances.
(c) Recycling and water reuse systems will be installed.
(d) Education and awareness programs for water conservation.

Provision for emergency and health hazards, including evacuation plans and emergency response procedures.

Conservation: To reduce water consumption and promote sustainable practices.

Disposal of waste water: Compliance with local regulations for waste disposal.

Construction Phase:

(a) The construction of the new water system will be undertaken in stages to minimize disruption.
(b) Use of sustainable building materials and practices.
(c) Quality control measures to ensure the integrity of the construction work.
(d) Regular maintenance and inspection of the new system.

Conclusion:

The proposed water supply system will meet all local and regional requirements, ensuring the health and safety of the public. The project is expected to be completed within 18 months from the start of construction, with a focus on sustainability and efficiency.
vii) Rainwater harvesting for rooftop runoff only must be done to implement the project.

vi) Recharging the rooftop runoff water supply system in the area for flushing for potable, non-potable, etc.

v) The project proponent must provide electromagnet flow meter at the outlet of the wastewater outlet of the STP and any pipeline to be used for reusing treated wastewater back into the system for flushing, and for fortification purposes, green etc.

vi) The position / location of the STP, tank, DG, sets, utilities etc., installed by the project proponent, must be in accordance with the provisions made in the layout plan. The project proponent must maintain a record of readings of each meter on daily basis.

viii) The total wastewater generation from the project will be 170 KLD/day, which will be treated in a STP of capacity 1500 KLD/day to be installed within the project premises. 957 KLD/day for irrigation of green area and remaining excess treated wastewater will be discharged into sewer. 333 KLD/day of treated wastewater will be discharged into sewer in summer season; 333 KLD/day of treated wastewater will be discharged into sewer in irrigation of green area; 333 KLD/day of treated wastewater will be discharged into sewer in winter season. 333 KLD/day of treated wastewater will be discharged into sewer. The project proponent shall implement 10-acre land under Kamal water treatment project.

ix) The total water requirement for the project will be 1.70 ML/day, which shall be met through own utility.

x) The solid waste generated from the project will be treated in STP of capacity 1500 KLD/day to be installed within the project premises. The solid waste generated shall be disposed of at the authorized dumping yard within the project premises. The solid waste shall be disposed of in a permitted manner at the authorized dumping yard. The biodegradable solid waste shall be disposed of through compost method. The project proponent must obtain prior environmental clearance.

xi) The project site must be provided with an area near the road for the disposal of solid waste.

Environmental Protection & Control Order, 1977.

The project proposal should address the impact on the environment and the measures to be taken to mitigate its effects.

All other surrounding clearances such as the approval of the Chief Engineer should be obtained in order to proceed with the project proposal.

The Environmental Clearance Certificate will be valid for a period of five years from the date of issue.

Part B - General Conditions:

1. All schedules, plans, and specifications drawn for the project should be submitted to the Project Committee for approval.

2. All schedules, plans, and specifications should be drawn in black ink on white paper.

3. The Project Committee should be satisfied that the project is feasible and that it is in the national interest.

4. The Project Committee should be satisfied that the project is economically viable and that it is in the national interest.

5. The Project Committee should be satisfied that the project is environmentally sustainable and that it is in the national interest.

6. The Project Committee should be satisfied that the project is technically feasible and that it is in the national interest.

7. The Project Committee should be satisfied that the project is socially acceptable and that it is in the national interest.

8. The Project Committee should be satisfied that the project is economically viable and that it is in the national interest.

9. The Project Committee should be satisfied that the project is environmentally sustainable and that it is in the national interest.

10. The Project Committee should be satisfied that the project is technically feasible and that it is in the national interest.

11. The Project Committee should be satisfied that the project is socially acceptable and that it is in the national interest.
The environmental safeguards contained in the application of the project / mentioned during the presentation before State Level Environment Impact Assessment Authority should be forwarded to the CCE, Regional Office of Ministry of Environment & Forests, Chandigarh and State Level Environment Impact Assessment Authority, Punjab, and all the documents. A complete set of all the documents submitted to State Environment during their inspection.

The project proposal shall also submit six monthly reports on the status of the implementation of the project, the proposed duration of the project, and the anticipated cost of the project. The report shall be submitted to the State Level Environment Impact Assessment Authority.

The entire cost of the environmental management plan (including the capital cost as well as recurring cost) will be borne by the project proponent. The project proponent shall be responsible for ensuring the implementation of the measures proposed in the environmental management plan.

The environmental clearance is subject to obtaining prior clearance from Forest & Wildlife angle including clearance from the National Board for Wildlife as applicable. The grant of environmental clearance does not necessarily imply that forestry & wildlife clearance will be granted. The clearance granted by the respective authorities on their merits and decision taken. The investment made in the project, if any, based on the purpose of the project, shall be made in accordance with the environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguards in a time bound manner.

A copy of the clearance letter shall be sent by the proponent to concerned Punjab, Zila Parishad, Municipal Corporation, Urban local body and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.

The project proponent shall obtain CILU from the competent authority, if any authority issues the same. Prior written permission of the CWA, even if any borewells exist at the site.

The applicant shall ensure that there is no discharge of treated effluent / raw water for horticultural/gardening purposes with different colour coding.
The project proponents shall adhere to the commitments made in the Environment Improvement Impact Assessment Authority's Final Report.