

**THAPAR INSTITUTE
OF ENGINEERING & TECHNOLOGY**

(Deemed-to-be-University u/s 3 of the UGC Act, 1956)

Thapar Technology Campus,
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Dated: 28.12.2020

To
The Joint Director
Ministry of Environment, Forests & Climate Change,
Regional Office (North),
Government of India,
Bay No. 24-25, Sector-31A,
Chandigarh

Subject: Submission of Six Monthly compliance report for period ending 30.09.2020 for "Thapar University" in the revenue estate of Thapar University, Bhadson Road, Patiala.

Sir,

We are hereby submitting six monthly report for period ending **30.09.2020** in the form of Data Sheet along with compliance of the stipulated environmental conditions. All relevant details/ documents are attached as annexure for your kind consideration.

The test reports on ambient air, water, soil and noise levels are also submitted. The soft copy of complete report in CD is also enclosed along.

Thanking you.

Sincerely,



Name- Dr. Gurbinder Singh
Contact No. 8288008118
Designation- Registrar
Email- registrar@thapar.edu

CC: Member Secretary, SEIAA Punjab, Directorate of Environment and Climate Change, C/o Punjab State Council for Science & Technology, MGSIPA Complex, Sector 26, Chandigarh.

2020

SIX MONTHLY COMPLIANCE REPORT

(Period ending 30.09.2020)

For

**“Thapar Institute of Engineering &
Technology (Deemed-to be-
University)”**

Bhadson Road, Patiala (Punjab)

Project By:

**Thapar Institute of Engineering &
Technology (Deemed-to be-University)**

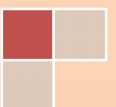
Bhadson Road, Patiala.

Prepared by:



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Ministry of Environment, Forest & Climate Change
Northern Regional Office,
Chandigarh-160030
DATA SHEET

1.	Project Type	Construction Project- Educational Institute
2.	Name of the Project	Thapar Institute of Engineering and Technology (Deemed to be University)
3.	Clearance letter (s)/O.M No. & dates	Environment Clearance has been granted by SEIAA, Punjab vide Letter No. SEIAA/3777 dated 26.06.2015 and the copy of the same is attached along as Annexure 1 . Further institute proposed the expansion for which Environment Clearance has been obtained vide Letter No. SEIAA/914 dated 25.01.16 and the copy of the same is attached along as Annexure 2 .
4.	Location	Bhadson Road
	a) District (s)	Patiala
	b) State (s)	Punjab
5.	Address for correspondence	Thapar University Campus, Bhadson Road, Patiala.
6.	Salient features	
	a) of the project	As per the Environmental Clearance, the total area of the project before expansion was 10,08,194.06 sq.m and even after expansion total area remains same i.e. 10,08,194.06 sq.m. The total built up area before expansion was 3,09,416.91 sq.m and after expansion will becomes 3,33,080.53 sq.m. Total cost of the project is Rs. 111.67 Crores.
	b) of the environmental management plans	As per Environmental Clearance, the total water requirement for the project before expansion was 875 KLD and after expansion it will becomes 1.7 MLD which will be met through tubewells. The total wastewater generation from the project will be 1.27 MLD which will be treated in a STP to be installed within the project premises. During summer season, 333 KLD of treated wastewater used for flushing purpose and remaining 937 KLD will be used for irrigation of green area. In winter season, 333 KLD of treated wastewater used for flushing purpose and 422 KLD will be used for irrigation of green area. In

		<p>rainy season, 333 KLD of treated wastewater will be used for flushing purpose and 117 KLD will be used for irrigation of green area. Excess treated wastewater will be used for 10 acres of land available under Karnal Technology. Treated wastewater will also be used for construction purpose.</p> <p>Total solid waste generation from the existing project is 2.6 MT/day and the total solid waste generation after expansion of the proposed project will becomes 4.9 MT/day during operation phase.</p> <p>The total load of electricity before expansion was 4,140 KW and after expansion the total power requirement will be 8,800 KW which will be taken from Punjab State Power Corporation Ltd.</p>
7.	Break-up of the project area	
	a) Submergence area: Forest and Non-forest	Not Applicable
	b) Others	Not Applicable
8.	Break-up of project affected population with enumeration of those losing houses/ dwelling units only, agricultural land only both dwelling units and agricultural land and landless labourers/artisans.	Not Applicable
	a) SC/ST/Adivasis	Not Applicable
	b) Others <i>(Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures. If a survey has been carried out give details and year of survey)</i>	Not Applicable
9.	Financial details:	
	a) Project cost as originally planned and subsequent revised estimates and the year of price reference.	The total cost for expansion is Rs. 111.67 Crores.

b) Allocations made for environmental management plans with item wise and year wise break up.

Allocations made for Environmental management plan are listed below:

During Construction Phase			
S. No.	Description	Capital Cost (Rs in Lakhs)	Recurring Cost (Rs in Lakhs/Year)
1.	Water for Dust suppression	20	2
2.	Waste Water Management	35	3
3.	Air, Noise, Soil, Water Monitoring	10	1.5
4.	PPE for workers & Health Care and safety measures	30	2
Total		95	8.5

During Operation Phase			
S. No.	Title	Capital Cost Rs. Lakhs	Recurring Cost Rs. Lakhs/Annum
1.	Air Pollution Control	6	0.5
2.	Water Pollution Control/ STP	200	3.5
3.	Noise Pollution Control (Including landscaping & green belt cost)	5	1.0
4.	Solid Waste Management	-	2.5
5.	Environment Monitoring and Management	5	1.0
6.	RWH	5	1.5
7.	Miscellaneous (Appointment of Consultants, Management of Environment Cell, Consent Fees)	15 (including the consent Fees)	1.0
Total		236	11

	c) Benefit cost ratio/ internal rate of return and the year of assessment	Will be calculated and submitted.
	d) Whether (c) includes the cost of environmental management as shown in b) above.	Yes
	e) Actual expenditure incurred on the project so far.	The actual expenditure done on the project till 30 th September 2020 is Rs. 698.09 Crores.
	f) Actual expenditure incurred on the environmental management plans so far.	Actual expenditure done on the environmental management plans till 30 th September 2020 is Rs. 7.88 crores which includes major expenditure for green building development.
10.	Forest land requirement:	
	a) the status of approval for diversion of forest land for non-forestry use	Not Applicable
	b) the status of clear felling, if any	Not Applicable
	c) the status of compensatory afforestation, if any.	Not Applicable
	d) Comments on the viability & sustainability of compensatory Afforestation programme in the light of actual field experience so far.	Not Applicable
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach road) if any, with quantitative information.	Not Applicable
12.	Status of construction:	Photographs showing the status of construction are attached along as Annexure 3 .
	a) Date of commencement (actual and/ or planned)	March' 1956
	b) Date of completion of construction (actual and/ or planned)	1 st Phase: 30.12.2017 2 nd Phase: one hostel in 2nd phase is under construction and will be completed in July, 2021.
13.	Reasons for the delay, if the project is yet to start.	Not Applicable

**Compliance report on conditions imposed in Environmental Clearance for Period ending
30.09.2020**

Part A - Specific conditions

I. Pre - Construction Phase

S. No.	EC Conditions	Reply
i.	"Consent to Establish" shall be obtained from Punjab Pollution Control Board under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974 and a copy of the same shall be submitted to the Ministry of Environment & Forest/ State level Environment Impact Assessment Authority before the start of any construction work at the site.	Extension in "Consent to Establish" has been obtained from PPCB; copy of the same is attached along as Annexure 4 .
ii.	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Agreed. Proper sanitary and hygienic measures are in place and maintained throughout the construction phase.
iii.	A first aid room will be provided in the project both during construction and operation phase of the project.	A dispensary is already present within the campus.
iv.	The approval of competent authority shall be obtained for structural safety of the buildings due to earthquake, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightening.	Structural safety certificate has been obtained from competent authority; copy of the same is attached along as Annexure 5 .
v.	Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile STP, disposal of waste water & Solid waste in an environmentally sound manner, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	All the mandatory facilities which include proper housing, medical and sanitation facilities have been provided at construction site. Ambulance has also been provided at site of construction.
vi.	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Agreed.

II. Construction Phase

S. No.	EC Conditions	Reply
i.	All the topsoil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site in the project.	During construction activities, the top soil excavated is being stored and used for the development of green belt within the project premises.
ii.	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off after taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Agreed. Muck is generated from construction activities; however, dust mitigation measures are proposed like water sprinkling is followed, tarpaulin sheets are being used so that there is minimum impact on the environment.
iii.	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate water courses and the dump sites for such material must be secured so that they should not leach into the ground water.	Agreed. Construction spoils are kept to minimum so that there is no contamination of the ground water resources. No Hazardous waste is generated at construction site. Spent oil during construction is being taken care by the contractor.
iv.	Construction/ provision of the STP, tubewell, DG sets, Utilities etc, earmarked by the project proponent of the layout plan, should be made in the earmarked area only. In any case the position/ location of these utilities should not be changed later-on.	Agreed. All the construction is being done as per the earmarked area on the layout plan.
v.	Vehicles hired for bringing construction materials to the site and other machinery to be used during construction should be in good condition and should conform to applicable air and noise emission standards.	Vehicles used for bringing construction material to the site and other machinery used during construction phase are maintained regularly and monitored for pollution levels. PUC certificate of the vehicles used at the construction site is attached along as Annexure 6 .
vi.	Ambient noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase.	Agreed. Incremental pollution loads on the ambient air and noise quality are being monitored. Latest Test reports are attached along as Annexure 7 .
vii.	Fly ash should be used as construction material in the construction as per the provisions of Fly ash Notifications of September, 1999 and as	Agreed. PPC Cement is being used, which is constituted of Fly Ash. During last six months 115.19 MT of Fly ash has been used

	amended on August, 2003 (This Condition is applicable only if the project is within 100 Km of Thermal Power Station).	in construction.
viii.	Ready mix concrete should be used in building construction as far as possible.	The ready mix concrete is being used to the maximum possible extent.
ix.	Water demand during construction should be reduced by use of pre mixed concrete, curing agents and other best practices.	Agreed. Curing agents as well as other best practices are being used during construction work for reducing water demand.
x.	The project proponent shall adopt dual plumbing system for reuse of treated wastewater for flushing system & HVAC etc.	It is being complied.
xi.	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.	Agreed, low flow fixtures are being provided for the reduction of water usage.
xii.	Adequate steps shall be taken to conserve energy by limiting the use of glass, provisions of proper thermal insulation and taking measures as prescribed under the Energy Conservation Building Code.	Agreed. Adequate measures are being taken to conserve energy as prescribed under the Energy conservation Building Code.
xiii.	The approval of the competent authority shall be obtained for structural safety of the buildings due to earthquake, adequacy of fire fighting equipments, etc. as per National Building Code including protection measures from lightening.	Agreed, copy of the structural safety certificate is attached along as Annexure 5 .
xiv.	The diesel generator sets to be used during construction phase should be low sulphur diesel types and should conform to the provision of Environment (Protection) Act, 1986 prescribed for air and noise emission standards.	Agreed. DG sets have been installed with proper stack height and inbuilt enclosure to control air and noise pollution as per provision of EPA rules.
xv.	The project proponent will provide dual plumbing system for reuse of treated wastewater for flushing/ HVAC purposes etc. and colour of different pipe lines carrying water/ wastewater/ treated wastewater as follows: a. Fresh water: Blue b. Untreated wastewater: Black c. Treated Wastewater (for reuse): Green d. Treated wastewater (for discharge): Yellow e. Storm water: Orange	Agreed. Dual plumbing system for reuse of treated wastewater for flushing has been provided in the newly constructed buildings.

xvi.	The installation of sewage treatment plant (STP) and adequacy of disposal system should be certified by Punjab Pollution Control Board and a report in this regard should be submitted to the Ministry of Environment & Forest/ State Level Environment Impact Assessment Authority before the project is commissioned for operation.	Agreed, 2.3 MLD capacity of STP has been installed with the campus.
xvii.	The project proponent shall provide chute system in new blocks to be added for collection of solid waste. The solid waste generated should be properly collected and proper onsite storage facility (covered) should be provided at site.	The Institute is complying with the Solid Waste Management Rules, 2016. The solid waste is being duly segregated into biodegradable and non-biodegradable components. Biodegradable waste is being composted by use of Mechanical composter having 7 Ton/day capacity. Inert waste is being dumped to authorized dumping site. The recyclable waste is being sold to resellers.
xviii.	The Project Proponent shall provide solar power plant of capacity 3.0 Mega Watt for its expansion project.	It will be complied.

III. Operation Phase and Entire Life

S. No.	Conditions	Reply
i.	"Consent to Operate" shall be obtained from Punjab Pollution Control Board under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974 and a copy of the same shall be submitted to the Ministry of Environment & Forest/ State Level Environment Impact Assessment Authority at the time of start of operation.	Consent to Operate has been obtained from PPCB vide dated 27.10.2020 valid upto 31.03.2022 and the copy of the grant certificates is attached along as Annexure 8 .
ii.	The total water requirement for the project will be 1.70 ML/day, which shall be met through own tubewell.	The water requirement is being met through own tubewell for which permission from DC, Patiala has already been obtained. Copy of the same is enclosed as Annexure-9 .
iii.	The total wastewater generation from the project will be 1270 KL/day, which will be treated in a STP of capacity 1500 KL/day to be installed within the project premises. As proposed, 333 KL/day of treated wastewater shall be used for	Agreed. The total wastewater generated from the project is being treated in STP already installed within the campus. The treated water is being recycled for flushing and green area development and excess is

	<p>flushing purpose, 937 KL/day for irrigation of green area and remaining excess treated water shall be discharged into sewer in summer season. In winter season, 333 KL/day of treated wastewater will be used for flushing purpose, 422 KL/day for irrigation of green area and remaining excess treated water will be discharged into sewer. In rainy season, 333 KL/day of treated wastewater will be used for flushing purpose, 117 KL/day for irrigation of green area and remaining excess treated water will be discharged into sewer. The Project Proponent shall develop 10 acres land under Karnal technology to utilize all excess treated wastewater.</p>	<p>being discharged onto land under Karnal Technology.</p>
iv.	<p>The project proponent shall provide electromagnetic flow meter at the outlet of the water supply, outlet of the STP and any pipeline to be used for re-using the treated wastewater back into the system for flushing and for horticulture purpose/ green etc. and shall maintain a record of readings of each such meter on daily basis.</p>	<p>Agreed. The electromagnetic flow meter has already been provided. Also, the record of readings of meter is being maintained on daily basis.</p>
v.	<p>The position/ location of the STP, tubewell, DG Sets, Utilities etc, installed by the project proponent as per the provisions made in the layout plan, should not be changed later-on under any circumstances.</p>	<p>Agreed. The STP and tubewell has been installed as per location mentioned in layout plan.</p>
vi.	<p>Rainwater harvesting for rooftop run-off only should be implemented. Before recharging the rooftop run-off, pretreatment must be done to remove suspended matter, oil and grease.</p>	<p>Agreed, the rain water recharging pits have already been provided so as to compensate the abstraction of ground water.</p>
vii.	<p>The solid waste generated should be properly collected and segregated. The recyclable solid waste shall be sold out to the authorized vendors and inert shall be sent to disposal facility. The Bio-degradable solid waste shall be composted through mechanical composter. Prior approval of competent authority should be obtained, if required.</p>	<p>The Institute is complying with the Solid Waste Management Rules, 2016. The solid waste is being duly segregated into biodegradable and non-biodegradable components. Biodegradable waste is being composted by use of Mechanical composter having 7 Ton/day capacity. Inert waste is being dumped to authorized dumping site. The recyclable waste is being sold to resellers.</p>

viii.	Adequate & appropriate pollution control measures should be provided to control fugitive emissions to be emitted within the complex.	Agreed. Adequate and appropriate pollution control measures are taken to control fugitive emissions. As, the DG sets has been provided with stack of adequate height and inbuilt enclosure.
ix.	Hazardous waste/ E-waste should be disposed off as per Rules applicable and with the necessary approval of the Punjab Pollution Control Board.	Hazardous waste in the form of used oil is being generated from DG sets for which the application has been submitted to PPCB to obtain the Hazardous Waste Authorization. E-waste is being collected, managed and disposed off as per E-waste (Management) Rules, 2016. Copy of manifest is enclosed as Annexure-10 .
x.	Incremental pollution loads on the ambient air quality, noise and water quality should be periodically monitored.	Ambient air quality, noise and water quality is monitored on half-yearly basis. Recent test reports are attached at Annexure 7 .
xi.	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Agreed. Internalized parking's has been provided. Wide roads for the entry and exit are provided. So, no traffic congestion is expected.
xii.	The project proponent shall obtain completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab.	Agreed. Completion cum occupancy certificates are attached along as Annexure-11 .
xiii.	Adequate treatment facility for drinking water shall be provided, if required.	Adequate treatment facility has been provided for drinking water.
xiv.	The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/ variety.	Agreed. Proper green belt is provided. Photographs showing the same are attached along as Annexure 3 .
xv.	The project proponent should take adequate and appropriate measures to contain the ambient air quality within the prescribed standards. The proposal regarding mitigation measures to be taken at site should be submitted to the Ministry of Environment & Forest/ State Level Environment Impact Assessment Authority within three months.	Agreed. Adequate measures are taken like sprinkling of water is being done on regular basis during the construction activities.

xvi.	Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating.	The institute is planning to use solar energy for illumination of common areas, lighting for gardens and street lighting etc. but the process got delayed due to COVID-19 situation. Process for taking quotations has been initiated for installation of 1 MW solar power plant. Technical specification has also been finalized. Vendors are being finalized considering technical and commercial aspects. Further, provision for utilization of solar energy will be made within 3-4 months after start of work at site.
xvii.	A report on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about machinery of air conditioning, lifts, lighting, building materials, R & U Factors etc. and submitted to the respective Regional office of MoEF, the Zonal Office of CPCB and the SPCB/SEIAA in three months time.	Agreed. Report on energy conservation measures conforming to energy conservation norms is being attached along as Annexure-12 .
xviii.	Environmental Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.	Agreed, the Environment Management Cell has been constituted to supervise and monitor the environment related aspects of the project.
xix.	Ambient noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase.	Agreed. Recent monitoring has been done at site and test reports for the same are enclosed as Annexure 7 .
xx.	Separation of drinking water supply and treated sewage supply should be done by the use of different colors.	Agreed. Color coding has been done for Separation of drinking water supply and treated sewage supply.
xxi.	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.	Agreed. Low flow fixtures are being provided for the reduction of water usage.

Part B. General Conditions

I. Pre - Construction Phase

S. No.	Conditions	Reply
i.	This Environmental clearance will be valid for a period of five years from the date of its issue or till the completion of the project, whichever is earlier.	Agreed. Environment Clearance has been granted vide letter No. SEIAA /914 dated 25.01.2016 valid for 7 years till 24.01.2023 as per the revised notification of EIA.
ii.	The environmental safeguards contained in the application of the promoter/ mentioned during the presentation before State Level Environment Impact Assessment Authority/ State Expert Appraisal Committee should be implemented in letter and spirit.	Agreed. The environmental safeguards have been implemented in true letter and Spirit.
iii.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, by project proponents from the competent authorities including Punjab Pollution Control Board and from other statutory bodies as applicable. The project proponent shall not start any construction activity at site without obtaining permission from NBWL.	Agreed. All statutory clearances have been obtained as and when required. Extension in Consent to Establish has been obtained from PPCB; copy of the same is attached along as Annexure 4 . Consent to Operate has been obtained from PPCB which is valid upto 31.03.2022 and the copy of the online acknowledgement is attached along as Annexure 8 . Structural Safety certificate has been obtained; copy of the same is attached along as Annexure 5 .
iv.	The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Punjab Pollution Control Board. The advertisement should be made within seven days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office, Ministry of Environment & Forests, Chandigarh and SEIAA, Punjab.	Agreed. Copy of advertisement has already been published and submitted.

v.	These stipulations would be enforced among others under the provisions of Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, Environmental (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.	Agreed.
vi.	The project proponent shall obtain permission from the CGWA for abstraction of groundwater & digging of borewell(s) and shall not abstract any groundwater without prior written permission of the CGWA, even if any borewell(s) exist at site.	Agreed. The ground water approval has been obtained from DC, Patiala. Copy of the same is enclosed as Annexure-9 .
vii.	The project proponent shall obtain CLU from the competent authority, if any authority insists.	Not Applicable.
viii.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban local body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Agreed. Copy of advertisement has already been published and environment clearance letter has been uploaded on the website; print screen of the same is attached along as Annexure-13 .
ix.	The State Environment Impact Assessment Authority, Punjab reserves the right to add additional safeguards/ measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguards/ measures in a time bound and satisfactory manner.	Agreed.
x.	The environmental clearance is subject to their obtaining prior clearance from Forestry & Wildlife angle including clearance from Standing Committee of the National Board for Wildlife as applicable. The grant of environmental clearance does not necessarily implies that forestry & wildlife clearance shall be granted to the project and proposal for forestry & wildlife clearance will be considered	Not Applicable, as the project lies outside the eco-sensitive zone of the Wildlife sanctuary.

	<p>by the respective authorities on their merits and decision taken. The investment made in the project, if any, based on environmental clearance so granted, in anticipation of the clearance from Forestry & Wildlife angle shall be entirely at the cost & risk of the project proponent and Ministry of Environment, Forests & Climate Change/SEIAA, Punjab shall not be responsible in this regard in any manner.</p>	
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II. Construction Phase

S. No.	Condition	Reply
i.	<p>The environmental safeguards contained in the application of the promoter/ mentioned during the presentation before State Level Environment Impact Assessment Authority/State Expert Appraisal Committee should be implemented in letter and spirit.</p>	<p>Agreed. The environmental safeguards have been implemented in true letter and Spirit.</p>
ii.	<p>The entire cost of the environmental management plan (i.e. capital cost as well as recurring cost) will continue to be borne by the project proponent until the responsibility of environmental management plan is transferred to the occupier/ residents society under proper MOU after obtaining prior permission of the Punjab Pollution Control Board.</p>	<p>It is being complied. The expenditure done on the environmental management plans till 30th September 2020 is Rs. 7.88 crores.</p>
iii.	<p>The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by mail) to the respective Regional office of MoEF, the Zonal Office of CPCB, the SPCB and SEIAA, Punjab.</p>	<p>Agreed. Six monthly compliance reports are being regularly submitted and copy of the acknowledgement of the previous submitted compliance report for period ending 31.03.2020 is attached along as Annexure 14.</p>
iv.	<p>Officials from the Regional Office of Ministry of Environment & Forests, Chandigarh/ State Level Environment Impact Assessment Authority/ State Level Expert Appraisal Committee/ Punjab Pollution Control Board who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/ data by the project proponents during their inspection. A complete</p>	<p>Agreed. Full cooperation, facilities and documents/ data will be given to the Officials from the regional Office of Ministry of Environment & Forests, Chandigarh/ State Level Environment Impact Assessment Authority/ State Level Expert Appraisal Committee/ Punjab Pollution Control Board during their inspection.</p>

	set of all the documents submitted to State Environment Impact Assessment Authority should be forwarded to the CCF, Regional Office of Ministry of Environment & Forest, Chandigarh and State Level Environment Impact Assessment Authority, Punjab.	
v.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority, Punjab.	The new buildings has been proposed in the university, thus, the application for getting EC has been submitted to SEIAA, Punjab.
vi.	Separate distribution pipelines be laid down for use of treated effluent/ raw water for horticultural/gardening purposes with different colour coding.	Agreed. Separate pipelines have been laid for the treated wastewater and fresh water with different color coding.
vii.	The project proponent shall adhere to the commitments made in the Environment Management Plan and Corporate Social Responsibility and shall spent the amount as proposed or at least minimum required to be spent under the provisions of the Companies Act, 1956.	Agreed. Expenditure done on the environmental management plan done till till 30 th September 2020 is Rs. 7.88 crores which includes major expenditure for green building development and CSR activities is Rs. 2.01 crores. Details regarding the expenditure done for CSR activities is enclosed as Annexure-15 .
viii.	The State Environment Impact Assessment Authority, Punjab reserves the right to add additional safeguards/ measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguards/ measures in a time bound and satisfactory manner.	Agreed.
ix.	Separation of drinking water supply and treated sewage supply should be done by the use of dual plumbing line.	Agreed, dual plumbing system is being followed.

III. Operation Phase and Entire Life

S. No.	Conditions	Reply
i.	Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be	Agreed.

	applicable to this project and decisions of any Competent Court, to the extent applicable.	
ii.	The entire cost of the environmental management plan (i.e. capital cost as well as recurring cost) will continue to be borne by the project proponent until the responsibility of environmental management plan is transferred to the occupier/ residents society under proper MOU after obtaining prior permission of the Punjab Pollution Control Board.	It is being complied. The expenditure done on the environmental management plans till 30 th September 2020 is Rs. 7.88 crores.
iii.	The project proponent shall submit six monthly reports on the status compliance of the stipulated EC conditions including results of monitored data (both hard copy as well as by mail) to the respective Regional Office of MoEF, Zonal Office of CPCB, the SPCB and the SEIAA, Punjab.	Agreed. Six monthly reports are being regularly submitted and copy of the acknowledgement of the previous submitted compliance report for period ending 31.03.2020 is attached along as Annexure 14 .
iv.	Officials from the Regional Office of Ministry of Environment & Forests, Chandigarh/ State Level Environment Impact Assessment Authority/ State Level Expert Appraisal Committee/ Punjab Pollution Control Board who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/ data by the project proponents during their inspection. A complete set of all the documents submitted to State Environment Impact Assessment Authority should be forwarded to the CCF, Regional Office of Ministry of Environment & Forest, Chandigarh and State Level Environment Impact Assessment Authority, Punjab.	Agreed. Full cooperation, facilities and documents/ data will be given to the Officials from the regional Office of Ministry of Environment & Forests, Chandigarh/ State Level Environment Impact Assessment Authority/ State Level Expert Appraisal Committee/ Punjab Pollution Control Board during their inspection.
v.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM _{2.5} , PM ₁₀ , SO ₂ , NO _x , CO, Pb, Ozone (ambient air as well as stack emissions) shall be	Agreed. The compliance of the stipulated EC conditions, including results of monitored data is being uploaded on the website. Screenshot of the website showing the same is attached along as Annexure-13 . The results of monitored data are displayed on the Environment Monitoring Data Board.

	monitored and displayed at a convenient location near the main gate of the company in the public domain.	
vi.	The project proponent shall adhere to the commitments made in the Environment Management Plan and Corporate Social Responsibility and shall spent the amount as proposed or atleast minimum required to be spent under the provisions of the Companies Act 1956.	Agreed. Expenditure done on the environmental management plan done till till 30 th September 2020 is Rs. 7.88 crores which includes major expenditure for green building development and CSR activities is Rs. 1.365 crores. Details regarding the expenditure done for CSR activities is enclosed as Annexure-15 .
vii.	The State Environment Impact Assessment Authority, Punjab reserves the right to add additional safeguards/ measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguards/ measures in a time bound and satisfactory manner.	Agreed.