

Received

02/10/2019
Min. of Environment, Forest & Climate Change
Ministry of Environment, Forest & Climate Change
Bay No. 24-25, Sector-31A
Chandigarh

THAPAR INSTITUTE
OF ENGINEERING & TECHNOLOGY

(Deemed to be University u/s 3 of the UGC Act, 1956)
Thapar Technology Campus,
Bhadson Road, Patiala - 147 004 (Punjab) India
Phone : +91-175-2393021
Email : registrar@thapar.edu
URL : www.thapar.edu

Date:30.12.2019

To
The Joint Director,
Ministry of Environment, Forest & 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 30.09.2019 for the project namely "Thapar University" in the revenue estate of Thapar University, Bhadson Road, Patiala.

Sir,

With reference to the EIA Notification & its amendments regarding submission of six monthly compliance report, We are hereby submitting the six monthly compliance report for period ending 30.09.2019 for the above said project in soft copy in compact disk (CD) of the compliance report for your perusal.

Kindly acknowledge the receipt of the same.
Thanking you.

Sincerely,



Name- Dr. Gurbinder Singh
Contact No. 828800118
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-160019.

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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 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 . Also, Environment Clearance for expansion of the project has been granted by SEIAA, Punjab 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 after expansion also 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 wastewater generation will be 1.27 MLD which will be treated in a STP. 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

		<p>KLD will be used for irrigation of green area. In rainy season, 333 KLD of treated wastewater 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.</p> <p>Total solid waste generation from the existing project is 2.6 MT/day. The total solid waste generation after expansion of the 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	5	0.5
2.	Water Pollution Control/ STP	150	8.5
3.	Noise Pollution Control (Including landscaping & green belt cost)	15	1.0
4.	Solid Waste Management	35	2.5
5.	Environment Monitoring and Management	5	1.0

		6.	RWH	25	1.5
		7.	Miscellaneous (Appointment of Consultants, Management of Environment Cell, Consent Fees)	15 (including the consent Fees)	1.0
		Total		255	16
	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, 2019 is Rs. 622.75 Crores.			
	f) Actual expenditure incurred on the environmental management plans so far.	Actual expenditure done on the environmental management plans till 30 th September 2019 is Rs. 1.75 crores.			
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:	The Construction status of the project is given below: a. Four towers of boys hostel completed b. One tower of girls hostel completed C. Residences completed d. Hostel PEB 600 completed e. Learning Centre completed			

		Boys hostel is in progress 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: Yet to start
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
30.09.2019**

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. All required 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.	Agreed. A dispensary is already present within the project premises.
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.	Agreed. 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.
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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.	Yes, the top soil excavated during construction activities 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. No Spent oil has been generated from DG sets provided at the construction site.
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 are regularly monitored for the 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.	Agreed. Ambient air and noise levels are being monitored. Latest Test reports are

	Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase.	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 amended on August, 2003 (This Condition is applicable only if the project is within 100 Km of Thermal Power Station).	Agreed. PPC Cement is being used, which is constituted of Fly Ash.
viii.	Ready mix concrete should be used in building construction as far as possible.	Agreed.
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.	Agreed.
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. Proper measures are being followed to conserve energy.
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 with inbuilt enclosure and proper stack height to control air and noise pollution as per EPA rules have been installed.
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/	Agreed.

	<p>treated wastewater as follows:</p> <p>a. Fresh water: Blue</p> <p>b. Untreated wastewater: Black</p> <p>c. Treated Wastewater (for reuse): Green</p> <p>d. Treated wastewater (for discharge): Yellow</p> <p>e. Storm water: Orange</p>	
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, the STP of capacity 2.3 MLD has already been installed in the project premises.
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.	Agreed. It will be complied.
viii.	The Project Proponent shall provide solar power plant of capacity 3.0 Mega Watt for its expansion project.	Agreed. 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.	Varied Consent to Operate has been obtained and the copy of the grant certificates is attached along as Annexure 8 . However, the Consent to Operate for the expansion project will be applied after the completion of the construction.
ii.	The total water requirement for the project will be 1.70 ML/day, which shall be met through own tubewell.	Agreed. The permission from DC Patiala has already been obtained.
iii.	The total wastewater generation from the project will be 1270 KL/day, which will be treated in a	Agreed. The wastewater generated is being used for the flushing purpose, irrigation of

	<p>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 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>green area and the remaining is being discharged into the sewer.</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 location of the STP and tubewell has been installed as per the 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 has already been provided.</p>

vii.	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.	The solid waste is handled at common solid waste management site and is disposed to dumping site of MC.
viii.	Adequate & appropriate pollution control measures should be provided to control fugitive emissions to be emitted within the complex.	Agreed. The appropriate pollution control measures are taken. However, there are no as such fugitive emissions.
ix.	Hazardous waste/ E-waste should be disposed off as per Rules applicable and with the necessary approval of the Punjab Pollution Control Board.	Agreed. However, as such no Hazardous Waste is generated.
x.	Incremental pollution loads on the ambient air quality, noise and water quality should be periodically monitored.	Ambient air 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. Wide roads for the entry and exit are provided. So, no traffic congestion is expected. Photographs showing the same are attached along as Annexure 3 .
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. It will be complied.
xiii.	Adequate treatment facility for drinking water shall be provided, if required.	Agreed & accepted. Adequate treatment facility is 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 done on regular basis to prevent air pollution due to dust produced 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.	Agreed.
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.
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 is constituted.
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. Different color coding is being used 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 required approvals have been obtained. Extension in Consent to Establish has been obtained from PPCB; copy of the same is attached along as Annexure 4 . Varied Consent to Operate has been obtained and the copy of the grant certificates 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.
vii.	The project proponent shall obtain CLU from the competent authority, if any authority insists.	Agreed.
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 9 .
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	Not Applicable, as there is no Forestry or Wildlife sanctuary within the prescribed distance from the project site.

	<p>be granted to the project and proposal for forestry & wildlife clearance will be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any, based on 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>Agreed.</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 31.03.2019 is attached along as Annexure 10.</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</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</p>

	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.	Impact Assessment Authority/ State Level Expert Appraisal Committee/ Punjab Pollution Control Board during their inspection.
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.	Agreed, if any changes will be made then fresh appraisal will be applied.
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 till date on the environmental management plan is Rs. 32 Lacs and CSR activities are Rs. 17.50 Lacs.
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 applicable to this project and decisions of any Competent Court, to the extent applicable.	Agreed.
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.	Agreed. EMP cost is being spent by Thapar University.
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 31.03.2019 is attached along as Annexure 10 .
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 monitored and displayed at a convenient location near the main gate of the company in the public domain.	Agreed. The results of monitored data are displayed on the Environment Monitoring Data Board.
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 till date on the environmental management plan is Rs. 32 Lacs and CSR activities are Rs. 17.50 Lacs.
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.