



**TRISHLA**

Est. 1992

The Additional Director

Ministry of Environment, Forest & Climate Change

Regional Office (North),

Government of India

Bay No. 24-25, Sector-31A,

Chandigarh.

(Mail ids: [eccompliance-nro@gov.in](mailto:eccompliance-nro@gov.in) and [ronz.chd-mef@nic.in](mailto:ronz.chd-mef@nic.in))

**Subject: Submission of six monthly compliance report for period ending 30.09.2023 for the Group Housing project namely "Trishla City" located at Village Nabha Sahib, Zirakpur, Dist. SAS Nagar (Mohali), Punjab.**

Respected Sir,

With reference to the EJC Notification & its 'amendments regarding submission of six monthly compliance report, we are hereby submitting the six monthly compliance report for period ending 30.09.2023 for the above said project through mail for your perusal.

Kindly acknowledge the receipt of the same.

Thanking you

Sincerely,

For M/s Trishla Buildtech Pvt. Ltd.

**For Trishla Buildtech Private Limited**

(Authorized Signatory)

Name: Suresh

**Authorized signatory**

Contact No.: 8195960555

Designation: Admin Head

Email: [sureshsharmatrishla@gmail.com](mailto:sureshsharmatrishla@gmail.com)

**CC: Member Secretary, SEIAA Punjab, Directorate of Environment and Climate Change, Cio Punjab State Council for Science & Technology, MGSIPA Complex, Sector 26- Chandigarh-160019. (Uploaded on Parivesh portal)**

2023

# SIX MONTHLY COMPLIANCE REPORT (Period ending 30.09.2023)

For  
“Trishla City”  
Village - Nabha Sahib, Tehsil- Dera Bassi,  
District SAS Nagar (Mohali) Punjab.

Project by:  
**M/s. Trishla Buildtech Pvt. Ltd.**  
High Ground Road, Nabha Sahib,  
Zirakpur, SAS Nagar (Mohali).

Prepared by:



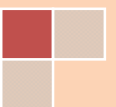
**Eco Paryavaran Laboratories and Consultants Private  
Limited**

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## CONTENT

<b>S.No.</b>	<b>DESCRIPTION</b>	<b>Page No.</b>
1.	Data Sheet	1-4
2.	Compliance of Environmental Clearance conditions	5-22
<b>ANNEXURES</b>		
A-1	1(a) Copy of Earlier Environment Clearance Letter 1(b) Copy of Revised Environment Clearance Letter	23-45
A-2	Construction Status Photographs	46
A-3	Adequacy Report of STP	47
A-4	Plantation List	48-49
A-5	PWRDA approval of ground water abstraction	50
A-6	Site Photographs Letter from MC regarding Land Use	51-62
A-7	Letter from MC regarding Land Use Structural Safety Certificate	63
A-8	Structural Safety Certificate	64
A-9	(a)Copy of Consent to Establish (CTE-Ext) Grant certificate obtained from Invest Punjab (b)Copy of Consent to operate (CTO-Varied ) Grant certificate obtained from PPCB.	65-79
A-10	Height Clearance	80-81
A-11	Environmental Monitoring Test reports	82-88
A-12	PUC Certificates of vehicles	89-91
A-13	Screenshot, showing submission of six monthly compliances on PARIVESH portal.	92-93
A-14	EMC	94
A-15	Photograph of CSR activities	95-102
A-16	Snapshot of Company's website showing the uploaded EC compliance along with EC letter	103

**Ministry of Environment, Forest and Climate Change  
Northern Regional Office,  
Chandigarh-160030**

**DATA SHEET**

1.	<b>Project Type</b>	Group Housing Project
2.	<b>Name of the Project</b>	“Trishla City”
3.	<b>Clearance letter (s)/O.M No. &amp; dates</b>	Environment Clearance has been granted by SEIAA, Punjab vide Letter No. SEIAA/M.S./2013/831 dated 14.02.2013. Copy of the same is attached along as <b>Annexure 1(a)</b> . Environment Clearance has been granted for expansion by MoEF&CC vide F.No. 21-101/2020-IA.III dated 12.03.2021. Copy of the same is attached along as <b>Annexure 1(b)</b> .
4.	<b>Location</b>	Village Nabha Sahib, Zirakpur, Tehsil Derabassi
	<b>a. District (s)</b>	SAS Nagar (Mohali)
	<b>b. State (s)</b>	Punjab
	<b>c. Latitudes/ Longitudes</b>	30°38'44.80” N & 76°47'41.52”E
5.	<b>Address for correspondence</b>	Sh. Harish Gupta, Managing Director, M/s. Trishla Buildtech Pvt. Ltd. High Ground Road, Nabha Sahib, Zirakpur, Distt. SAS Nagar (Mohali).
6.	<b>Salient features</b>	
	<b>a. of the project</b>	As per the Environment Clearance (EC) expansion, the total project plot area is 51,709.46 sq.m. (12.77 acres) and the built up area of the project is 1,14,339.918 sq.m. The project comprises of total 910 flats, 36 no. of shops and a community center. The expected population of the residential complex will be 4,577 persons.
	<b>b. of the environmental management plans</b>	As per Environment Clearance (EC) expansion, the total water requirement for the project will be 631 KLD, out of which 381 KLD met through groundwater and remaining 250 KLD will be met through recycling of treated wastewater. About 476 KLD of wastewater will be generated, which will be treated in STP of capacity 650 KLD. The total quantity of solid waste generation will be 1.734 ton/day. The biodegradable and non-biodegradable solid waste will be segregated at source. The recycling component of the non-biodegradable waste will be sold out to the recyclers and biodegradable waste will be handled in environmentally sound manner. Inert waste will be dispose to authorized MC dumping site.

		<p>The biodegradable waste (0.78 TPD) will be proposed in mechanical composters and the non-biodegradable/ domestic hazardous waste generated (0.954TPD) will be handed over to authorized local vendor.</p> <p>The total power requirement for the project will be 3,905 KVA which will be provided by Punjab State Power Corporation Limited.</p>													
7.	<b>Break-up of the project area</b>														
	<b>a. Submergence area: Forest and No forest</b>	Not applicable													
	<b>b. Others</b>	Not applicable													
8.	<b>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.</b>	Not applicable													
	<b>a. SC/ST/Adivasis</b>	Not applicable													
	<b>b. Others</b> <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.	<b>Financial details:</b>														
	<b>a. Project cost as originally planned and subsequent revised estimates and the year of price reference.</b>	<p>Originally planned project cost: As per old EC (2013): Rs. 99.85 Crores. As per revised EC (2021): Rs. 165 Crores.</p>													
	<b>b. Allocations made for environmental management plans with item wise and year wise break up.</b>	<p>During construction phase, Rs. 10 lacs/annum will be incurred towards recurring and Rs. 184 Lakhs on capital cost. and Rs. 15.5 lacs/annum towards recurring charges during operation phase.</p> <table border="1"> <thead> <tr> <th rowspan="2">Description</th> <th colspan="2">Construction Phase</th> <th>Operation Phase</th> </tr> <tr> <th>Capital (in Rs. Lakhs)</th> <th>Recurring Cost (in Rs. Lakhs/ annum)</th> <th>Recurring Cost (in Rs. lakhs/ annum)</th> </tr> </thead> <tbody> <tr> <td>Waste water Management: Dual plumbing System &amp; Sewage Treatment Plant</td> <td>85</td> <td>1</td> <td>4</td> </tr> </tbody> </table>			Description	Construction Phase		Operation Phase	Capital (in Rs. Lakhs)	Recurring Cost (in Rs. Lakhs/ annum)	Recurring Cost (in Rs. lakhs/ annum)	Waste water Management: Dual plumbing System & Sewage Treatment Plant	85	1	4
Description	Construction Phase		Operation Phase												
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Waste water Management: Dual plumbing System & Sewage Treatment Plant	85	1	4												

		Air & Noise pollution Management (Acoustics enclosures for DG sets)	10	1	1
		Landscaping	2	2	2
		Rainwater Recharging	8	0.5	1.5
		Environmental Monitoring: (Water sprinkling for dust control, Monitoring of DG sets as per PPCB Guidelines)	4	4	3
		Waste Management: (Collection of Solid Waste and disposal)	35	1	3
		Energy Conservation measures	40	0.5	1
		<b>Total</b>	<b>184</b>	<b>10</b>	<b>15.5</b>
	<b>c. Benefit cost ratio/internal rate of return and the year of assessment</b>	Will be calculated and submitted.			
	<b>d. Whether (c) includes the cost of environmental management as shown in b) above.</b>	Yes			
	<b>e. Actual expenditure incurred on the project so far.</b>	Total expenditure incurred on the project is Rs.131.15 Crores till 30.09.2023.			
	<b>f. Actual expenditure incurred on environmental management plans so far.</b>	Total amount spent on the Environmental Management Plan (EMP) is Rs. 2.55 Crores till 30.09.2023 which includes capital cost as well recurring.			
10.	<b>Forest land requirement:</b>	Not Applicable.			
	<b>a. the status of approval for diversion of forest land for non-forestry use</b>	Not Applicable.			
	<b>b. the status of clear felling, if any</b>	Not Applicable.			
	<b>c. the status of compensatory afforestation, if any.</b>	Not Applicable.			
	<b>d. Comments on the viability &amp; sustainability of compensatory</b>	Not applicable.			

	<b>Afforestation programme in the light of actual field experience so far.</b>	
11.	<b>The status of clear felling in non-forest areas (such as submergence area of reservoir, approach road) if any, with quantitative information</b>	Not Applicable.
12.	<b>Status of construction:</b>	The project is in partial operational and partial construction phase. Recent construction status is attached as <b>Annexure-2.</b>
	<b>a. Date of commencement (actual and/or planned)</b>	Actual date of commencement- March, 2013
	<b>b. Date of completion (actual and/or planned)</b>	Date of Partial completion: January, 2017 Planned date of completion - December, 2024
13.	<b>Reasons for the delay, if the project is yet to start</b>	Not applicable

**Compliance report on conditions imposed in Environmental Clearance of “Trishla City”  
for period ending 30.09.2023**

**A. SPECIFIC CONDITIONS**

SI. No	Conditions	Reply
1.	As proposed, waste water shall be treated in onsite STP of 650 KLD capacity. At least 250 KLD of treated wastewater shall be recycled and reused.	Sewage Treatment Plant (STP) of capacity 250 KLD has already been installed within project premises for wastewater treatment. Copy of the completion certificate is attached as <b>Annexure-3</b> . As per the current occupancy 250 KLD STP is sufficient. When occupancy increases, another module of STP will be installed. The treated wastewater is being used within the premises for flushing as well as for landscaping purpose. It is agreed that 250 KLD of treated wastewater will be recycled & reused.
2.	The project proponents would commission a third-party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.	Noted. Same will be complied.
3.	Area for greenery shall be provided as per the details provided in the project document i.e., area under plantation/greenery will be 10163.533sqm. As proposed, at least 646 trees shall be maintained during the operation phase of the project. The landscape planning should include plantation of native species. A minimum of 01 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Plantations to be ensured species (cut) to species (planted). The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water	Adequate green area has already been developed in the project. The list of plantation done at site is enclosed as <b>Annexure 4</b> .



	intensive and/or invasive species should not be used for landscaping.	
4.	Abstraction of ground water shall be subject to the permission of concerned local authority and ground water recharge shall conform to CGWA norms or norms prescribed by the local authorities. Fresh water requirement shall not exceed 381 KLD during operational phase. PP shall switch over from ground water abstraction to local municipal supply, as and when available, to meet its fresh water requirement	Ad- Interim permission for groundwater abstraction has also been obtained vide permission PWRDA/11/2021L2/264 dated 10.11.2021. Copy of approval attached as <b>Annexure-5.</b>
5.	The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 8 RWH pits shall be provided for rain water harvesting after filtration.	5 no. of rainwater harvesting pits with single bore and 2 no. of pits with dual bore have been constructed within the project premises for recharging of ground water. Further, regular maintenance of the pits is being done. The local bye-law provisions on rain water harvesting will be followed. Photographs showing the same is attached as <b>Annexure-6.</b>
6.	The solid waste shall be duly segregated into biodegradable and no biodegradable components and handled in separate area earmarked for segregation of solid waste, as per SWM Rules, 2016. As committed, biodegradable waste shall be composted by use of Composter. Inert waste shall be dumped to authorized site. The recyclable waste shall be sold to resellers.	The solid waste shall be duly segregated into biodegradable and no biodegradable components and handled as per SWM Rules, 2016. Bio compost pits has been constructed for managing the biodegradable waste. Photographs attached as <b>Annexure-6.</b> Also, composter of adequate capacity is also being provided for composting the Biodegradable waste. Inert waste is being dumped to authorized site. The recyclable waste is being sold to resellers.
7.	The PP shall provide electric charging points in the parking areas for e- vehicles as committed.	Electric charging points are being provided for e-vehicles.
8.	The Environmental Clearance to the project is primarily under provisions of EIA Notification, 2006. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes as applicable to the project.	Noted. All required approvals are being obtained as and when required.

## **B. STANDARD CONDITIONS:**

### **I. Statutory compliance:**

<b>Sl. No.</b>	<b>Conditions</b>	<b>Reply</b>
1.	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	All necessary permissions are being obtained as and when necessary. Letter regarding land use classification from MC, Zirakpur is enclosed as <b>Annexure 7</b> .
2.	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.	All necessary permissions are being obtained as and when necessary. Structural Safety Certificate has been obtained from competent authority; copy enclosed as <b>Annexure 8</b> . Fire safety certificate has also been obtained.
3.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.	No forest land is involved in the project, thus forest clearance is not required.
4.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable	The project does not fall in eco-sensitive zone of bird or wildlife sanctuary. Thus, NBWL clearance is not required.
5.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.	Consent to Establish (Extension) has been obtained from PPCB vide letter no. CTE/Ext/PBIP/SAS/2023/2305246872 dated 12.06.2023 and same was valid upto 31.03.2025; copy of the grant certificate is enclosed as <b>Annexure-9(a)</b> . Also, Consent to Operate (CTO) Varied for Air and water has been obtained from PPCB and same is valid upto 31.03.2024; copy of the grant certificates are enclosed as <b>Annexure-9(b)</b> .
6.	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.	Ad- Interim permission for groundwater abstraction has also been obtained vide PWRDA/11/2021L2/264 dated 10.11.2021 Copy of approval is attached as <b>Annexure-5</b> .
7.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	Noted. NOC from PSPCL has been obtained for power load.
8.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of	All necessary permissions are being obtained as and when necessary.

	Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.	Structural Safety Certificate has been obtained from competent authority; copy enclosed as <b>Annexure-8</b> . Fire safety certificate has been obtained. Approval from Civil Aviation Department has been obtained; copy is enclosed as <b>Annexure-10</b> .
9.	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.	Noted. Same is being followed and will follow in future also.
10.	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	The same is being complied.

## II. AIR QUALITY MONITORING AND PRESERVATION:

Sl. No.	Conditions	Reply
1.	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory implementation of dust mitigation measures for construction and demolition activities for projects requiring Environmental Clearance shall be complied with.	Dust mitigation measures for construction and demolition activities at the project site being implemented
2.	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	All necessary steps are being taken to reduce the air pollution and to improve the air quality.
3.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.	Ambient air quality is being monitored after regular intervals. Recent monitoring has been carried out and all the parameters are within the permissible limit. Latest test reports for ambient air quality monitoring are attached along as <b>Annexure 11</b> .
4.	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.	DG set being used is of low Sulphur diesel type and confirm to the EPA.
5.	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other	All necessary steps are being taken at the project site to reduce the air

	air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	pollution and to improve the air quality. Tarpaulin sheets are being provided for covering construction material. Regular water sprinkling is being done during construction activities.
6.	Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	Noted. The same is being complied.
7.	Wet jet shall be provided for grinding and stone cutting	Agreed.
8.	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Water is being sprinkled on unpaved and loose soil for dust suppression.
9.	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.	Construction waste is being produced from the project site which is being used within the project premises for leveling purpose etc. or being dispose off in an environmentally sound manner.
10.	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.	DG set used is of low Sulphur diesel type and confirm to EPA.
11.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	The same is being complied.
12.	For indoor air quality the ventilation provisions as per National Building Code of India.	NBC has been followed.

### III. WATER QUALITY MONITORING AND PRESERVATION:

Sl. No.	Conditions	Reply
1.	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.	Natural drainage will not be altered.
2.	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	Noted.
3.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	All necessary records are being maintained and same are available at site.
4.	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.	Ad- Interim permission for groundwater abstraction has also been obtained vide PWRDA/11/2021L2/264 dated 10.11.2021. Copy of approval is attached as <b>Annexure-5</b> .
5.	At least 20% of the open spaces as required by the local building bye- laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	The same has been considered during project planning & designing.
6.	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc. and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	Dual plumbing system has been provided in the project.
7.	Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.	The same is being complied for water conservation.

8.	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.	Dual plumbing system is being followed in the project.
9.	Water demand during construction should be reduced by use of pre- mixed concrete, curing agents and other best practices referred.	Curing agents as well as other best practices are being used during construction for reducing water demand.
10.	Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.	Presently, 5 no. of rainwater harvesting pits with single bore and 2 no. of pits with dual bore have been constructed within the project premises for recharging of ground water. Further, regular maintenance of the pits is being done.
11.	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.	Rain water harvesting plan has already prepared. Presently, 5 no. of rainwater harvesting pits with single bore and 2 no. of pits with dual bore have been constructed within the project premises for recharging of ground water. Further, regular maintenance of the pits is being done. Ad- Interim permission for groundwater abstraction has also been obtained vide PWRDA/11/2021L2/264 dated 10.11.2021. Copy of approval is attached as <b>Annexure-5</b> .
12.	All recharge should be limited to shallow aquifer.	It will be complied.
13.	No ground water shall be used during construction phase of the project.	Only treated waste water from existing STP of our project is being used during construction phase and proper records are being maintained.
14.	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.	No ground water dewatering is to be done from the project. Ad- Interim permission for groundwater abstraction has also been obtained vide PWRDA/11/2021L2/264 dated 10.11.2021. Copy of approval is attached as <b>Annexure-5</b> .

15.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	The quantity of fresh water usage, water recycling, rainwater harvesting will be monitored. The record of the same will be submitted to the Regional Office, MOEF&CC along with six monthly reports of monitoring.
16.	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.	Wastewater generated during operation phase is being treated in STP and treated water is being recycled for flushing, landscaping, for construction activities etc. within premises.
17.	No sewage or untreated effluent water would be discharged through storm water drains.	No sewage or untreated effluent is being discharged into storm water drains. Wastewater generated from project is being treated in STP and treated water is being dispose off properly i.e. being recycled for flushing, utilized for landscaping, for construction activities etc.
18.	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.	QCI-NABET/NABL approved laboratory has undertaken STP Adequacy study. STP adequacy report is already submitted.
19.	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.	Water quality is being regularly monitored. Recent test report is enclosed as <b>Annexure 11</b> .
20.	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.	Sludge generated from STP is being utilized as manure within the project premises only.

**IV ENERGY CONSERVATION MEASURES:**

SI. No.	Conditions	Reply
1.	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC	We are complying with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency.
2.	Outdoor and common area lighting shall be LED.	LED lighting has been provided in outdoor & common areas for existing blocks and same will be compiled in future also.
3.	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof values shall be as per ECBC specifications.	The same is being complied. Following Building envelope measures are followed: <ul style="list-style-type: none"> <li>✓ Glazing</li> <li>✓ Equivalent Solar Heat Gain Coefficient (SHGC<sub>eqi</sub>): 0.5</li> <li>✓ U value: 5.7 W/m<sup>2</sup>K</li> <li>✓ Roof Assembly: U value: 1.5 W/m<sup>2</sup>K</li> <li>✓ Wall Assembly: U value: 2.5 W/M<sup>2</sup>k</li> </ul>
4.	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning	In existing blocks, LED lights and solar lights in common areas have been provided as measures for energy conservation and same will be complied in future also.
5.	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-law's requirement, whichever is higher.	Noted. The same is being complied.
6.	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	In totality, 15% energy saving will be achieved through various measures including Solar Panels on the roof top of towers, LED lighting, energy efficient building materials, etc. Solar panels will be installed on roof top of the project and adequate roof top area has been reserved for solar panels.



**IV. WASTE MANAGEMENT:**

<b>SI. No.</b>	<b>Conditions</b>	<b>Reply</b>
1.	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained	Letter from MC regarding solid waste disposal has already been submitted.
2.	Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority	The muck generated during construction phase is used for leveling and filling purpose within the project. No muck is being disposed outside premises.
3.	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.	Separate area has been earmarked for solid waste segregation. Separate wet and dry bins is being used for segregation of waste in construction phase and same will be followed during operational phase also.
4.	Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.	Bio compost pits have been provided. However, composter is also being provided for composting of Biodegradable waste.
5.	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.	Noted. Any recyclable waste will be handed over to authorized recyclers with a valid agreement.
6.	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	Only hazardous waste in the form of used oil will be generated which will be disposed off through authorized vendors.

7.	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, compressed earth blocks, and other environment friendly materials.	Environment friendly materials are being used for construction. Fly ash based bricks are being used in the construction as building material for the construction purpose.
8.	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25 <sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.	PPC which constitutes fly ash was used for construction and same will be used for remaining construction also.
9.	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.	Construction waste is being managed to strictly conform to the Construction and Demolition Rules, 2016.
10.	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.	Used CFLs are being disposed off to approved recycler. Used CFLs will be disposed off as per E-waste (Management) Rules, 2016.

**V. GREEN COVER:**

<b>SI. No.</b>	<b>Conditions</b>	<b>Reply</b>
1.	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).	No tree cutting was done from the project premises.
2.	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.	No tree cutting was done from the project premises. Also, adequate green area will be developed within premises. Tree plantation @1 tree per 80 sq.m of plot area is being planted and the plantation is being one as per SEIAA guidelines.
3.	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	Yes, the top soil excavated during construction activities is being used for landscaping within the project premises to the maximum possible extent.

## VI. TRANSPORT

SI. No.	Conditions	Reply
1.	<p>A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.</p> <ol style="list-style-type: none"> <li>Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.</li> <li>Traffic calming measures.</li> <li>Proper design of entry and exit points.</li> <li>Parking norms as per local regulation.</li> </ol>	<p>Noted. Road has been designed with due consideration for environment, and safety of users. Adequate parking space has been provided within the project premises. Wide roads are provided and proper design of entry and exit points is ensured. Thus, there will not be any traffic congestion.</p>
2.	<p>Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.</p>	<p>Only vehicles having valid PUCs are permitted in the project; copy of valid PUCs certificates of some vehicles are attached as <b>Annexure 12</b>.</p>
3.	<p>A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.</p>	<p>Noted. Detailed traffic management and traffic decongestion plan will be drawn to ensure that current level of service of roads within a 5 kms radius of the project is maintained and improved when the project is implemented.</p>

### **HUMAN HEALTH ISSUES:**

<b>Sl. No.</b>	<b>Conditions</b>	<b>Reply</b>
1.	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.	Personal Protection Equipment (PPE) are being provided to workers for safety who are involved in loading, unloading, carriage of construction material, construction debris etc.
2.	For indoor air quality the ventilation provisions as per National Building Code of India.	The ventilation provisions as per National Building Code has been followed for indoor air quality.
3.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Emergency plan based on Hazard identification and Risk Assessment and Disaster Management Plan will be implemented.
4.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, 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 necessary facilities like housing, fuel for cooking, medical checkup, mobile toilets etc. are provided to the construction labors at project site.
5.	Occupational health surveillance of the workers shall be done on a regular basis.	Regular health check-up of the workers is being done on regular basis.
6.	A First Aid Room shall be provided in the project both during construction and operations of the project.	First aid facilities are being provided during construction and operation phase of the project.

## VII. MISCELLANEOUS:

SI. No.	Conditions	Reply
1.	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.	Advertisement has already been published in the two local newspapers in English and Punjabi language. Copy of advertisement is already submitted.
2.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	The copy of the environmental clearance has already been submitted to the all concerned Departments.
3.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Environmental Clearance letter as well as previous compliance including test results has been uploaded on the company's website. Screenshot showing the same is attached as <b>Annexure 13</b> .
4.	The project proponent shall submit six monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Six monthly status of compliance of the stipulated environment clearance conditions, including results of monitored data is being submitted to MoEF&CC & SEIAA, Punjab through mail as well as being uploaded on PARIVESH portal. Screenshot of mail showing submission of six monthly compliance for period ending 31.03.2023 attached as <b>Annexure 14</b> .

5.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholder's / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six monthly report.	Noted. Environment policy laid down by the board of directors prescribing for standard operating procedures to have proper checks and balances will be implemented.
6.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.	Environment Management Cell (EMC) has already been formed for the monitoring of environment related aspects of the project. Copy of EMC formed is enclosed as <b>Annexure 15.</b>
7.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.	Adequate amount is being spent on the Environment Management Plan (EMP). Approx. 2.55 Crore has been spent on EMP till 30.09.2023 which includes capital cost as well recurring.  Also, approx. 75 lakhs have been spent on the CSR/CER Activities like maintenance of roads, school building, providing medical and food supplies to needy people, tree plantation, etc. Photographs showing the same is attached as <b>Annexure-16.</b>
8.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Regular environmental statement (Form-V) as mentioned under EPA, 1986 for each financial year will be submitted.

9.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	The regional office as well as the Ministry is being informed regarding the date of financial closure and final approval of the project by concerned authorities. Details are mentioned in the data sheet attached with the compliance report.
10.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted. The applicable stipulations made by the State Pollution Control Board and the State Government are being strictly followed.
11.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their presentation to the Expert Appraisal Committee.	All the commitments made during the time of obtaining EC are being followed and will be followed in future also.
12.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).	Noted. No further expansion will be done in the project without the prior approval of the MoEF&CC.
13.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted and Agreed
14.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted and Agreed
15.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted and Agreed
16.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Full cooperation are being given to the officer of the Regional Office and PPCB by furnishing the requisite data/ information/ monitoring reports.



17.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter .	Noted and Agreed.
18.	Any appeal against this EC 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.	Not applicable, as 30 days' time period already passed and no appeal against this EC was raised with the National Green Tribunal.

Trishla City - Vill. Nabha Sahib - Dera Bassi



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY  
PUNJAB  
Ministry of Environment and Forests, Government of India

O/O Punjab Pollution Control Board,  
Vatavaran Bhawan, Nabha Road,  
Patiala - 147 001  
Telefax:- 0175-2215636

No. SEIAA/M.S./2013/831

Dated 14.2.13

REGISTERED

To

Sh. Harish Gupta, Managing Director,  
M/s Trishla Buildtech Pvt. Ltd., (Trishla City),  
High Ground Road, Nabha Sahib,  
Zirakpur, District SAS Nagar.

**Subject: Environmental Clearance under EIA notification dated 14.09.2006 for developing a residential complex namely "Trishla City" in the revenue estate of Village Nabha Sahib, Tehsil Derabassi, SAS Nagar, Punjab by M/s Trishla Buildtech Pvt. Ltd.,**

This has reference to your application for obtaining environmental clearance under EIA notification dated 14.09.2006 for developing a residential complex namely "Trishla City" in the revenue estate of Village Nabha Sahib, Tehsil Derabassi, SAS Nagar and subsequent presentation given before the State Level Expert Appraisal Committee (SEAC) for seeking prior environmental clearance for subject cited project as required under the EIA Notification, 2006. The proposal has been appraised as per procedure prescribed under the provisions of EIA Notification dated 14.09.2006 on the basis of the mandatory documents enclosed with the application viz., Form-1, 1-A, conceptual plan and the additional clarifications furnished in response to the observations of the SEAC.

It is inter-alia noted that the proposal involves developing a residential complex namely "Trishla City" in the revenue estate of Village Nabha Sahib, Tehsil Derabassi, SAS Nagar. The total project area is 51709.46 sq.m, in which the construction will be made having total built up area of 1,02,974 sq.m. The total no. of flats will be 497 and expected population of the residential complex will be 2485. The total cost of the project is Rs.99.85 Crores. Total water requirement for the project will be 335 KLD, out of which 248 KLD will be met from groundwater and remaining 87 KLD will be met through recycling of treated

wastewater. Permission for abstraction of 335 KLD of groundwater has been obtained from CGWA vide letter no. 4872 dated 22.09.2012. About 268 KLD of wastewater will be generated, which will be treated in a STP of capacity 300 KLD. About 268 KLD of treated wastewater will be generated from the residential complex, out of which 87 KLD will be used for flushing purpose, 47 KLD will be used for irrigation of green area and 134 KLD will be discharged into public sewer in summer season. In winter season, 87 KLD will be used for flushing purpose, 16 KLD will be used for irrigation of green area and 165 KLD will be discharged into public sewer. In rainy season, 87 KLD will be used for flushing purpose, 4 KLD will be used for irrigation of green area and 177 KLD will be discharged into public sewer. The project proponent has submitted the letter issued by the MC Zirakpur vide no. 5323 dated 25.10.2011 to the effect that MC has no objection for giving sewer connection to the project proponent from its main sewer for discharge of treated wastewater after deposition of the applicable charges. The total quantity of solid waste generation shall be 1 ton/day. The biodegradable and non-biodegradable solid waste will be segregated at source. The recycling component of the non-biodegradable waste will be sold out to the recyclers and biodegradable waste will be handled in environmentally sound manner. The project proponent has also submitted the letter issued by MC Zirakpur vide letter no.36 dated 06.01.2012 to the effect that solid waste to be generated from the project site shall be collected and disposed off by the MC after deposition of requisite fee by the project proponent. The total power requirement will be about 2553 KVA, which will be taken from Punjab State Power Corporation Ltd. There is a proposal to install 3 no. DG sets of 1000 KVA capacity each as standby arrangement of power supply. A green belt will be developed in an area of 8653.08 sq.m. The total parking facility will be provided for 497 cars. The maximum height of the building shall not exceed 40 m. The nearest fire station is at a distance of 2-3 Km from the project site and the width of the approach road is 83'4". Thus, the project is complying with the guidelines for high rise buildings laid down by the MoEF vide Office Memorandum dated 07.02.2012. The Govt. of India, Ministry of Defence has issued NOC vide the letter dated 21.04.2011 to the effect that the height of the building block shall not exceed 40 meters above ground level. The used oil to be generated from DG sets will be handled and managed as per the provisions of the Hazardous Wastes (Management, Handling & Transboundary

Movement) Rules, 2008. About Rs 2 crore will be provided as a corpus fund towards CSR activities such as providing and running a free dispensary in village Nabha, providing coolers and water filters in the school in village, providing bathrooms for children in the school, distribution of uniforms, books and bags to students from the schools especially from the weaker section. Rs 7 lacs/annum will be spent on account of recurring cost of the EMP during operation phase and Rs 4.5 lacs/annum will be spent on account of recurring cost of the EMP during operation phase.

The case was considered by the SEAC in its 59<sup>th</sup> meeting held on 20.05.2012 and 62<sup>nd</sup> meeting held on 21.07.2012, wherein, the SEAC noticed certain observations, which were conveyed to the project proponent for making compliance of the same. Thereafter, the project proponent submitted the reply of the observations of the SEAC. Accordingly, the case was considered by the SEAC in its 66<sup>th</sup> meeting held on 11.01.2013 for appraisal of project proposal, wherein, the environmental consultant of the project proponent presented the salient features of the project proposal and he also informed that the construction work has been started at site. and the Committee awarded '**Silver Grading**' to the project proposal and decided to forward the case to the SEIAA with the recommendation to grant environmental clearance to the project proponent for the construction of 497 dwelling units having total built up area of 1,02,974 sqm in the revenue estate of Village Nabha Sahib, Tehsil Derabassi, District SAS Nagar, Punjab subject to certain conditions in addition to the proposed measures and only after submission of a resolution in compliance to Office memorandum dated 12.12.2012 of the MoEF, by the project proponent. It was also decided to recommend to SEIAA to send the case to the Govt. of Punjab, Department of Science, Technology & Environment for initiating action under the Environment (Protection) Act, 1986 due to starting the construction activities of the project without obtaining Environmental Clearance under EIA notification dated 14.09.2006.

The case was considered by the SEIAA in its 44<sup>th</sup> meeting held on 04.02.2013, wherein, the project proponent in compliance to Office memorandum dated 12.12.2012 of the MoEF, submitted a resolution mentioning that start of the construction work of the project without obtaining environmental clearance under EIA notification dated 14.09.2006 will not be repeated in future. The Authority

observed that the case stands recommended by SEAC and the Committee awarded '**Silver Grading**' to the project proposal.

The SEIAA looked into the details of the case and was satisfied with the same. Therefore, the Authority decided to grant environmental clearance under EIA Notification dated 14.9.2006 to the project proponent in light of Office Memorandum dated 12.12.2012 of the Ministry of Environment & Forests, New Delhi for the construction of 497 dwelling units having total built up area of 1,02,974 sqm, in an area of 51,709.46 sqm, in the name of 'Trishla City' in the revenue estate of Village Nabha Sahib, Tehsil Derabassi, District SAS Nagar, subject to below mentioned conditions in addition to the proposed measures. The SEIAA also decided to recommend to the Govt. of Punjab, Department of Science, Technology & Environment for initiating action under the Environment (Protection) Act, 1986 against the project proponent/ responsible persons of the promoter company for starting the construction of the project without obtaining environmental clearance under EIA notification dated 14.09.2006.

#### **PART A – Specific conditions**

##### **I. Construction Phase**

- i) "Consent to establish" shall be obtained from Punjab Pollution Control Board under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974 and a copy of the same shall be submitted to the Ministry of Environment & Forests / State Level Environment Impact Assessment Authority before the start of any construction work at site.
- ii) All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- iii) A first aid room will be provided in the project both during construction and operation phase of the project.
- iv) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- v) Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed off after taking the necessary precautions for general safety and health aspects of people with the approval of competent authority.
- vi) Construction spoils, including bituminous material and other hazardous material, must not be allowed to contaminate watercourses and the dump sites for such material must be secured, so that they should not leach into the ground water.
- vii) The diesel generator sets to be used during construction phase should be of low sulphur diesel type and should conform to the provisions of

Environment (Protection) Act, 1986 prescribed for air and noise emission standards.

- viii) Vehicles hired for bringing construction material to the site and other machinery to be used during construction should be in good condition and should conform to applicable air and noise emission standards.
- ix) 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.
- x) Fly ash should be used as construction material in the construction as per the provisions of Fly Ash Notification 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).
- xi) Ready mixed concrete should be used in building construction as far as possible.
- xii) Water demand during construction should be reduced by use of premixed concrete, curing agents and other best practices.
- xiii) Separation of drinking water supply and treated sewage supply should be done by the use of different colours.
- xiv) 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.
- xv) Adequate steps shall be taken to conserve energy by limiting the use of glass, provision of proper thermal insulation and taking measures as prescribed under the Energy Conservation Building Code.
- xvi) The approval of competent authority shall be obtained for structural safety of the buildings due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightning.
- xvii) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, disposal of waste water & solid waste in an environmentally sound manner, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

**II. Operation Phase**

- i) 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 & Forests/State Level Environment Impact Assessment Authority before the project is commissioned for operation. The discharge of treated sewage shall conform to the norms and standards prescribed by Punjab Pollution Control Board for such discharges. The project proponent shall discharge not more than 177 KLD of treated wastewater into public sewer.
- ii) 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.

- iii) Adequate & appropriate pollution control measures should be provided to control fugitive emissions to be emitted within the complex.
- iv) Adequate treatment facility for drinking water shall be provided, if required.
- v) Rainwater harvesting for roof run-off should be implemented. Before recharging the roof run-off, pretreatment must be done to remove suspended matter, oil and grease. However, no run off from gardens/green area/roads/pavements shall be connected with the ground water recharging system.
- vi) The solid waste generated should be properly collected and segregated. The recyclable solid waste shall be sold out to the authorized vendors and inerts shall be sent to disposal facility. The Bio-degradable solid waste shall be adequately treated as per the scheme submitted by the project proponent. Prior approval of competent authority should be obtained, if required.
- vii) Hazardous waste/E-waste should be disposed off as per Rules applicable and with the necessary approval of the Punjab Pollution Control Board.
- viii) 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.
- ix) 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 & Forests/ State Level Environment Impact Assessment Authority within three months.
- x) Incremental pollution loads on the ambient air quality, noise and water quality should be periodically monitored after commissioning of the project.
- xi) 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.
- xii) 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.
- xiii) 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.
- xiv) Environmental Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.

**PART B – General Conditions :**

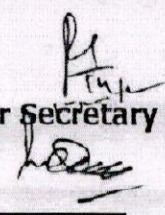
- i) This environmental clearance will be valid for a period of five years from the date of its issue or till the completion of the project, whichever is earlier.
- ii) The environmental safeguards contained in the application of the promoter / mentioned during the presentation before State Level Environment Impact Assessment Authority/State Expert Appraisal Committee should be implemented in letter and spirit.
- iii) 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.
- iv) 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 and the SPCB/SEIAA.
- v) 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 & Forests, Chandigarh/State Level Environment Impact Assessment Authority.
- vi) 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.
- vii) Separate distribution pipelines be laid down for use of treated effluent / raw water for horticultural/gardening purposes with different colour coding.
- viii) 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.
- ix) 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.



- x) 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.
- xi) 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.
- xii) 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.
- xiii) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub>, 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.
- xiv) The project promoter shall obtain permission for CLU from the Competent Authority of the State, if the concerned department insists for the same.
- xv) The project proponent shall comply with the conditions imposed by the CGWA in the permission granted vide no. 21-4(545)/ NWR/CGWA/ 2012-4872 dated 22.11.2012 for abstraction of 335 KLD of groundwater.
- xvi) The project proponent shall adhere to the commitments made in the Environment Management Plan and Corporate Social Responsibility. About Rs 2 crore will be provided as a corpus fund towards CSR for the following various activities :
  - Providing and running a free dispensary in village Nabha.
  - Providing coolers and water filters in the school in village.
  - Providing bathrooms for children in the school.
  - Distribution of uniforms, books and bags to students from the schools especially from the weaker section.

However, as agreed during discussions, the project proponent shall also consider adopting a village and providing need based services of lasting utility there instead of scattering the resources over a number of activities of a temporary nature at different places.
- xvii) The State Environment Impact Assessment Authority 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.

- xviii) 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.
- xix) The promoter company shall get adequate & sufficient power load from the PSPCL, so that each dwelling unit can have the required power load to meet the needs of modern living of the people.

  
Member Secretary (SEIAA)

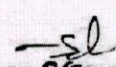
REGISTERED

Endst. No. \_\_\_\_\_

Dated \_\_\_\_\_

A copy of the above is forwarded to the following for information & further necessary action please.

1. The Secretary to Govt. of India, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-office Complex, East Arjun Nagar, New Delhi.
3. The Chairman, Punjab State Power Corporation Ltd., The Mall, Patiala.
4. The Deputy Commissioner, SAS Nagar.
5. The Chairman, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala.
6. The Director (Environment), Ministry of Environment and Forest, Northern Regional Office, Bays No.24-25, Sector-31-A, Chandigarh. The detail of the authorized Officer of the project proponent is as under:
  - a) Name of the applicant      Sh. Harish Gupta
  - b) Phone number                8054777555
7. The Chief Town Planner, Department of Town & Country Planning, 6<sup>th</sup> Floor, PUDA Bhawan, Phase-8, Mohali
8. Monitoring Cell, Ministry of Environment and Forest, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi.
9. The Environmental Engineer (Computers), Punjab Pollution Control Board, Head Office, Patiala for displaying the environmental clearance on the web site of the State Level Environment Impact Assessment Authority.
10. The Executive Engineer, GMADA, Mohali.

  
Member Secretary (SEIAA)

**F. No. 21-101/2020-IA.III**

Government of India  
Ministry of Environment, Forest and Climate Change  
(IA.III Section)

Indira Paryavaran Bhawan,  
Jor Bagh Road, New Delhi - 3  
Email: [lk.bokolia@nic.in](mailto:lk.bokolia@nic.in) Tel: 011-24695363

Date: 12<sup>th</sup> March, 2021

To,

**Shri Harish Gupta, MD**  
**M/s. Trishla Buildtech Pvt. Limited**  
Village Nabha Zirakpur,  
Derabassi, SAS Nagar, Punjab-140603  
Email: [tcity832@gmail.com](mailto:tcity832@gmail.com)

**Subject: Environmental Clearance for Construction of Group Housing project namely "Trishla City" with built up area of 1,14,339.918 sqm at Village Nabha Sahib, Zirakpur, Tehsil Derabassi, Distt. SAS Nagar (Mohali), Punjab by M/s Trishla Buildtech Pvt. Limited - Regarding**

Sir,

This has reference to your Application/ Proposal No. IA/PB/MIS/185437/2012; received on 28<sup>th</sup> November, 2020 through Parivesh Portal for grant of Environmental Clearance (EC) for Construction of Group Housing project namely "Trishla City" with built up area of 1,14,339.918sqm at Village Nabha Sahib, Zirakpur, Tehsil Derabassi, Distt. SAS Nagar (Mohali), Punjab by M/s Trishla Buildtech Pvt. Limited.

2. As per the provisions of the Environment Impact Assessment (EIA) Notification, 2006; as amended and notified under the Environment (Protection) Act, 1986 (29 of 1986), the above-mentioned project/activity is covered under category 'B' of item 8(a) 'Building and Construction Projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However, due to absence of SEIAA/SEAC in Punjab, the proposal required appraisal at Central level by sectoral EAC.
3. Accordingly, the above-mentioned proposal for grant of Environmental Clearance has been examined by the Expert Appraisal Committee (Infra-2) first in its 58<sup>th</sup> meeting held on 17<sup>th</sup> December, 2020 and subsequently in its 60<sup>th</sup> meeting held during 27<sup>th</sup> - 28<sup>th</sup> January, 2021.
4. The details of the project, as per the Application and documents submitted by the project proponent, and also as informed during the above-mentioned meetings of EAC (Infra-2) are as under: -
  - i. The project is located at Khasra No. 813/44, 944/436/2, 946/438/2,

947/438, Village Nabha Sahib, Zirakpur, Tehsil Derabassi, Distt. SAS Nagar (Mohali), Punjab with coordinates 30°38'44.80"N Latitude and 76°47'41.52"E Longitude.

- ii. The project falls under the category of "Expansion".
- iii. The project falls in Residential zone as per the Revised Master Plan of Zirakpur, 2031.
- iv. Earlier Environmental clearance has been obtained from SEIAA, Punjab vide Letter no. SEIAA/M.S./2013/831 dated 14.02.2013 for 497 flats (4 BHK, 3 BHK & 6 BHK flats) and shops having overall built-up area of 1,02,974sqm. Due to market scenario, planning of the project has been changed and accordingly, 910 no. of flats (i.e., 2 BHK, 2 BHK + study room, 3 BHK, 3 BHK, 3 BHK + study room & 4BHK), 36 no. of shops and a community center will be developed in the project with overall built-up area of 1,14,339.918sqm. Accordingly, expansion in Environmental Clearance is being applied for.
- v. The total plot area is 51,709.4605sqm (12.777 acres), FSI area is 1,03,167.853sqm and total construction (Built-up) area of 1,14,339.918 sqm. The project will comprise of 11 Residential blocks, 36 shops and community center. Total 910 flats, 36 shops and community center shall be developed. Maximum height of the building is 45 m. The details of building are as follows:

SI. No.	Blocks	No. of Floors	No. of Flats	Ground Coverage Area (in sqm)	Total FAR (in sqm)	Non-FAR (Stilt) (in sqm)	Total Built-up area (in sqm)
1.	Block A (Existing)	GF+11	87	824.83	8,882.023	575.18	9,457.203
2.	Block B (Existing)	Stilt+11	44	632.82	6,845.343	578.77	7,424.11
3.	Block B1 (Existing)	Stilt+11	44	642.11	6,735.818	581.51	7,317.33
4.	Block B2 (Existing)	Stilt+11	88	660.19	7,045.601	597.02	7,642.62
5.	Block C (Existing)	Stilt+11	132	1,462.10	15,441.215	1294.88	16,736.10
6.	Block D (Existing)	Stilt+11	88	876.52	9,004.954	741.29	9,746.24
7.	Block E (Proposed)	Stilt+14	39	995.92	6,370.857	954.71	7,325.57
8.	Block F (Proposed)	Stilt+14	112	2,416.42	12,451.335	2,237.61	20,627.75
9.	Block F1 (Proposed)	Stilt+14	52		5,938.796		
10.	Block G, H	Stilt+14	224	3,078.20	22,971.533	2,915.19	25,886.72

	(Proposed)						
	Total no. of Flats		910		-	-	
11.	Existing Shops (1 to 15)	-	15	472.76	472.760	-	472.76
12.	Block I (Shops 21 Nos.)	GF	21	707.05	661.063	-	661.06
13.	Community Centre	GF+FF	-	139.65	346.554	-	346.55
14.	Extra Stilt			695.91		695.91	695.91
	Total	-	-	13,604.48	1,03,167.85	11,172.07	1,14,339.93

- vi. During construction phase, total water requirement is expected to be 10 KLD which will be met by existing STP. During the construction phase, septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.
- vii. During operational phase, total water requirement of the project is expected to be 631 KLD and the same will be met by 381 KLD fresh water from bore wells and 250 KLD Recycled Water. Wastewater generated (460 KLD) will be treated in one STP of total 650 KLD capacity. 250 KLD of treated wastewater will be recycled and re-used (194 KLD for flushing and 56 KLD for gardening). About 201 KLD will be disposed in to MC Sewer.
- viii. About 1.734 TPD solid wastes will be generated in the project. The biodegradable waste (0.78 TPD) will be processed in Mechanical Composters and the non-biodegradable /domestic hazardous waste generated (0.954 TPD) will be handed over to authorized local vendor.
- ix. The total power requirement during construction phase is 45 KVA and will be met from Punjab State Power Corporation Limited (PSPCL) and total power requirement during operation phase is 3,905 KVA and will be met from PSPCL.
- x. 5 Rain water recharging pits have been constructed and 3 rain water recharging pits with dual bore have been proposed.
- xi. Parking facility for 1027 ECS is proposed against the requirement of 971.5 ECS (according to local norms).
- xii. Proposed energy saving measures would save about 15% of power.
- xiii. Status of implementation of the project as per the previous EC obtained; components of the proposed project are given as under:

SI. No.	Description	As per Earlier EC accorded on 14.02.2013	Proposed	Total (After Expansion)
1.	Total Plot Area	12.777 acres		
2.	Components	Flats- 497 and Shops	Flats- 413 & Shops	Flats-910 & Shops- 36
3.	Built up Area	1,02,974sqm.	11,365.918sqm.	1,14,339.918sqm.

4.	Estimated Population	2,485 Persons	2,092 Persons	4,577 Persons
5.	Domestic Water Demand	335 KLD	240 KLD	575 KLD
6.	Wastewater generated	268 KLD	208 KLD	476 KLD
7.	STP capacity	300 KLD	350 KLD	650 KLD
8.	Solid waste generation	1 Ton/day or 1,000 kg/day	734 kg/day	1,734 kg/day
9.	Power Load	2,553 KVA	1,352 KVA	3,905 KVA
10.	DG sets	3 No. of DG Sets of capacity 1000 KVA each (existing 250 KVA)	1 No. of DG set of capacity 125 KVA	3 No. of DG sets of capacity 250 KVA and 125 KVA
11.	Project Cost	Rs.99.85 Crores	Rs.65.15 crores	Rs.165 crores

- xiv. Certified Compliance Report has been received from MoEF&CC Integrated Regional Office, Chandigarh, for site visit conducted on 24.12.2020, vide Letter no. 5-433/2013-RO(NZ)/8-9-10 dated 04.01.2021. Compliance action taken against the observations raised in the report has been submitted.
- xv. The project is not location within Critically Polluted area.
- xvi. It is not located within 10 km of Eco Sensitive Zone. NBWL Clearance is not required.
- xvii. Forest Clearance is not required
- xviii. No Court case is pending against the project.
- xix. Proposed Green Area will measure 10,163.533 sqm and there will be 646 no. of trees.
- xx. No expansion activity on the project site has since been taken up.
- xxi. Expected timeline for completion of the project: September, 2023
- xxii. Investment/Cost of the project is Rs. 165 Crores.
- xxiii. Employment potential: 50 during construction phase and approx. 150 during operational phase.
- xxiv. Benefits of the project: Providing housing facility along with shops and community building in the project.

**5.** The EAC noted that Certified Compliance Report w.r.t the existing EC dated 14.02.2013 has been received from MoEF&CC Integrated Regional Office, Chandigarh, for site visit conducted on 24.12.2020, vide Letter no. 5-433/2013-RO(NZ)/ 8-9-10 dated 04.01.2021. Compliance actions taken against the observations raised in the report have been submitted.

**6.** The EAC, based on information and clarifications provided by the project proponent and detailed discussions held on the issues, has recommended granting environment clearance for the proposed expansion project. The aforesaid recommendation of EAC (Infra-2) is subject to certain specific

conditions, as stipulated during its 60<sup>th</sup> meeting held during 27<sup>th</sup> - 28<sup>th</sup> January, 2021.

**7.** Based on recommendations of EAC (Inra-2), the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance to the project for 'Construction of Group Housing project namely "Trishla City" with built up area of 1,14,339.918 sqm at Village Nabha Sahib Zirakpur, Tehsil Derabassi, Distt. SAS Nagar (Mohali), Punjab by M/s. Trishla Buildtech Pvt. Limited' under the provisions of the EIA Notification, 2006 and amendments/circulars issued thereon, and subject to the following specific and standard conditions:

**A. Specific Conditions:**

- i. As proposed, waste water shall be treated in onsite STP of 650 KLD capacity. At least 250 KLD of treated wastewater shall be recycled and reused.
- ii. The project proponents would commission a third-party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
- iii. Area for greenery shall be provided as per the details provided in the project document i.e., area under plantation/greenery will be 10163.533sqm. As proposed, at least 646 trees shall be maintained during the operation phase of the project. The landscape planning should include plantation of native species. A minimum of 01 tree for every 80sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Plantations to be ensured species (cut) to species (planted). The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
- iv. Abstraction of ground water shall be subject to the permission of concerned local authority and ground water recharge shall conform to CGWA norms or norms prescribed by the local authorities. Fresh water requirement shall not exceed 381 KLD during operational phase. PP shall switch over from ground water abstraction to local municipal supply, as and when available, to meet its fresh water requirement.
- v. The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 8 RWH pits shall be provided for rain water harvesting after filtration.
- vi. The solid waste shall be duly segregated into biodegradable and non-biodegradable components and handled in separate area earmarked for segregation of solid waste, as per SWM Rules, 2016. As committed, biodegradable waste shall be composted by use of Composter. Inert waste shall be dumped to authorized site. The recyclable waste shall be sold to resellers.

- vii. The PP shall provide electric charging points in the parking areas for e-vehicles as committed.
- viii. The Environmental Clearance to the project is primarily under provisions of EIA Notification, 2006. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes as applicable to the project.

## **B. Standard Conditions:**

### **I. Statutory compliance:**

- i. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- ii. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.
- iii. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.
- iv. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- v. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
- vi. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
- vii. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- viii. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- ix. The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.
- x. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.

### **II. Air quality monitoring and preservation:**

- i. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.



- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub>) covering upwind and downwind directions during the construction period.
- iv. Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
- vi. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- ix. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.
- x. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xi. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xii. For indoor air quality the ventilation provisions as per National Building Code of India.

### **III. Water quality monitoring and preservation:**

- i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.

- ii. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
- iii. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- iv. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- v. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
- vi. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- vii. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- viii. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- ix. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- x. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
- xi. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xii. All recharge should be limited to shallow aquifer.
- xiii. No ground water shall be used during construction phase of the project.
- xiv. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- xvi. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up



water and gardening. As proposed, no treated water shall be disposed in to municipal drain.

- xvii. No sewage or untreated effluent water would be discharged through storm water drains.
- xviii. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
- xix. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
- xx. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

**IV. Noise monitoring and prevention:**

- i. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
- ii. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- iii. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

**V. Energy Conservation measures:**

- i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
- ii. Outdoor and common area lighting shall be LED.
- iii. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.

- iv. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- v. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
- vi. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

**VI. Waste Management:**

- i. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- ii. Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iii. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- iv. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
- v. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
- vi. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, compressed earth blocks, and other environment friendly materials.
- viii. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27<sup>th</sup> August, 2003 and 25<sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.
- ix. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
- x. Used CFLs and TFLs should be properly collected and disposed off/ sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

## **VII. Green Cover:**

- i. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
- ii. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- iii. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

## **VIII. Transport**

- i. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
  - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
  - b. Traffic calming measures.
  - c. Proper design of entry and exit points.
  - d. Parking norms as per local regulation.
- ii. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- iii. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

## **IX. Human health issues:**

- i. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or

- working in any area with dust pollution shall be provided with dust mask.
- ii. For indoor air quality the ventilation provisions as per National Building Code of India.
  - iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  - iv. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, 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.
  - v. Occupational health surveillance of the workers shall be done on a regular basis.
  - vi. A First Aid Room shall be provided in the project both during construction and operations of the project.

**X. Miscellaneous:**

- i. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- v. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- vi. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.

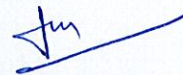


- vii. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report
- viii. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- ix. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- x. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- xi. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their presentation to the Expert Appraisal Committee.
- xii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).
- xiii. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xiv. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xv. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xvi. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
- xvii. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- xviii. Any appeal against this EC 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.

**8.** The Environmental Clearance is being granted to M/s. Trishla Buildtech Pvt. Limited for construction of group housing project namely "Trishla City"

with built up area of 1,14,339.918sqm at Village Nabha Sahib Zirakpur, Tehsil Derabassi, Distt. SAS Nagar (Mohali), Punjab.

9. This issue with the approval of the Competent Authority.



**(Lalit Bokolia)**  
**Director**

**Copy to:**

1. Secretary, Department of Science & Technology and Environment, Government of Punjab, Punjab Civil Secretariat-2, 9A, Sector-9, Chandigarh-160009
2. Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office (Northern Zone), Bays No. 24-25, Sector 31 A, Dakshin Marg, Chandigarh – 160030
3. Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. Member Secretary, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala- 147001, Punjab
5. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
6. Guard File/ MoEF&CC website.



**(Lalit Bokolia)**





# TRISHLA

Est. 1992

CONSTRUCTION STAGES			
S.NO	BLOCK	TOWER	STATUS
1	BLOCK E	T-5A	TOWER IS READY
2	BLOCK F1	T-5B	TOWER IS READY
3	BLOCK F	T-5C	TOWER IS READY AND COMMON SERVICES ARE ON FINAL STAGE TOWER IS READY UP TO 14 <sup>TH</sup> FLOOR
4	BLOCK F2	T-5D	12 <sup>TH</sup> FLOOR SLAB WORK IS IN PROCESS
5	BLOCK G1	T-6A	TOWER IS READY
6	BLOCK G	T-6B	14 <sup>TH</sup> FLOOR SLAB WORK IS IN PROCESS
7	BLOCK H1	T-6C	RAFT CASTED

**Paras Hydrotech Pvt. Ltd.**

Plot No. 266, Hansa Industrial Park  
Barwala Road, Derabassi (Punjab)  
(M): 09888000391, 09814000391  
E-mail : parashydrotech@gmail.com



Ref No : PHPL /Trishla 111/2016-17

Dated : 31 July, 2017

To Whom It May Concern:

This is to certify that we have successfully installed and commissioned Sewage Treatment Plant Capacity -250 KL per day based upon SAFF technology at TRISHLA BUILDTECH PVT LTD , ZIRAKHPUR , PUNJAB and the same has been handed over to the concerned officer successfully.

Thanking You ,

For Paras Hydrotech Pvt Ltd.

  
 Sanjay Sood  
Authorized Signatory

<b>TOTAL TREES &amp; FLOWER LIST AT SITE TRISHLA CITY</b>			
<b>SR NO</b>	<b>NAME</b>	<b>QTY</b>	<b>UNIT</b>
1	BAMBU	333	NOS
2	CHAKRANDA	7	NOS
3	NEEM	4	NOS
4	SAMPIAN PLAM	5	NOS
5	KANGHI PLAM	16	NOS
6	SILVER OKS	130	NOS
7	GILMOR	6	NOS
8	ANRMI (HAIJ)	5400	NOS
9	PALMERIA CHAMPA	73	NOS
10	BOTAM PLAM	87	NOS
11	KHJUR (DATE)	35	NOS
12	JAITRUPA	64	NOS
13	MADHU MALTI BAIL	337	NOS
14	FOURBIA	1	NOS
15	RAT KI RANI	31	NOS
16	PANDA FAYCUS TREE	1787	NOS
17	BLACK FAYCUS	5272	NOS
18	KACHNAR	4	NOS
19	YOLLOW FYCUS	2957	NOS
20	GREEN FYCUS	5352	NOS
21	RED GRASS	18	NOS
22	HEAVYCUSS	1325	NOS
23	BELAPROOF	20	NOS
24	DURANTA	2300	NOS
25	RED PALMERIA	3	NOS
26	WHITE PALMERIA	1	NOS
27	FONIX PLAM	32	NOS
28	MUSNDA	1	NOS
29	BONDAR JOO	500	NOS
30	GOLDEN BOTAL BRUSS	554	NOS
31	CAPER BRUS	135	NOS
32	GENDA	500	NOS
33	ALOVERA	5	NOS
34	TULSI	6	NOS
35	BARKET CHANDNI	1	NOS
36	RAKISH PLAM	9	NOS
37	LAMON	1	NOS
38	RICA PLAM	76	NOS
39	ISERAGUS	50	NOS
40	BASAN PATONIA	21	NOS
41	KAJRINA	312	NOS
42	KRIPER BEIL	2000	NOS
43	BADELIA	2000	NOS
44	AAMLA	3	NOS
45	MINI (CHANDNI)	115	NOS
46	SUGAR FREE	1	NOS
47	MOSARI	2	NOS
48	T-COMMA	900	NOS

49	HAVELIA	316	NOS
50	REPIS PLAM	6	NOS
51	ELIFAIN	3	NOS
52	JAMIA PLAM	6	NOS
53	FOKCHAL PLAM	10	NOS
54	PANDA FAYCUS GREEN TOKRI	5	NOS
55	LAL SAAG	50	NOS
56	EGJORA	13	NOS
57	KOHINOOR	2	NOS
58	BISMARKIA	4	NOS
59	ALMANDA	15	NOS
60	UDRAKSH	1	NOS
61	CHAMPA	5	NOS
62	YELLOW SAPLERA	21	NOS
63	LIGHT FYCUS	22	NOS
64	VICTORIA	1	NOS
65	BOCSER	22	NOS
66	LIGHT GRASS	140	NOS
67	CHANDAN	10	NOS
68	ARJUN	1	NOS
69	BAIL PATAR	3	NOS
70	HAR SINGAR	1	NOS
71	RAKHDI BEIL	20	NOS
72	MULNGA	14	NOS
73	JAMUN	1	NOS
74	KESULA	1	NOS
75	MENGO	1	NOS
76	ASHOKATRI	50	NOS
77	ORAHNGE BEIL	300	NOS
78	BONDRI JOO	1500	NOS
79	GULDAVRI	1	NOS
80	BENANA	1	NOS
81	DRY SEENA	9	NOS
	<b>TOTAL</b>	<b>35347</b>	NOS



**PUNJAB WATER REGULATION AND DEVELOPMENT AUTHORITY**  
**SCO 149-152, SECTOR 17, CHANDIGARH – 160017**  
*ad interim* PERMISSION FOR EXTRACTION OF GROUNDWATER

Name of Unit	"Trishla City" by M/s Trishla Buildtech Pvt. Ltd.		
Activity of Unit:	Infrastructure		
Address of Unit:	"Trishla City" by M/s Trishla Buildtech Pvt. Ltd., Village Nabha Sahib, Tehsil Derabassi, District SAS Nagar	PIN Code: 140603	
Assessment Unit (Block):	Derabassi	Category: Yellow	
District:	SAS Nagar		
Correspondence Address:	M/s Trishla Buildtech Pvt. Ltd., #140, First Floor, T-14, Trishla City, High Ground Road, Zirakpur, District SAS Nagar	PIN Code: 140603	
Unit ID	0930500021		
Permission Number	PWRDA/11/2021/L2/264	Dated: 10.11.2021	
Project Status:	Existing Unit		
Permission Type:	<i>ad-interim</i> Permission		
Validity Period:	For a period of three months from the date of publication of the final guidelines by the Authority, or for three years from the date of grant of this <i>ad interim</i> permission, whichever is earlier.		
Ground Water Extraction Permitted: 381 m <sup>3</sup> /day			
Fresh Water		Saline Water	
m <sup>3</sup> /day	m <sup>3</sup> /month*	m <sup>3</sup> /day	m <sup>3</sup> /month*
381	11,430	-	-

\*Note:- Month is taken as 30 days for calculation of charges.

**Fees and Charges Paid:**

**A. Application Fees for Groundwater Extraction:**

Volume of Groundwater Extraction Applied For per day (in m <sup>3</sup> /day)	Fees Deposited (in Rs.)
381	20,000/-

**B. Advance Deposit equivalent to two months of charges for the permitted quantity of groundwater extraction:**

Category of Area	Extraction Permitted: (m <sup>3</sup> /day)	381	Amount Deposited (Rs.)	
Yellow	Charges for two months		3,06,144/- (20% Covid-19 rebate applied)	
	<10 m <sup>3</sup> /day	10-100 m <sup>3</sup> /day		>100 m <sup>3</sup> /day
	3,600	75,600		3,03,480

**C. Tube-well Registration Fee paid:**

No. of existing tube-wells	No. of Proposed tube-wells	No. of total tube-wells	Registration Fee applicable per tube-well	Total Registration Fee Paid (Rs.)
02	Nil	02	10,000/-	20,000/-

**D. Total Amount Paid (Rs.):**

Application Fee	Advance Deposit	Tube-well Registration Fee	Total (Rs.)
20,000/-	3,06,144/-	20,000/-	3,46,144/-

NOTE: This permission is granted in terms of the Draft Punjab Guidelines for Groundwater Extraction and Conservation published on November 12, 2020 under section 15 of the Punjab Water Resources (Regulation and Management) Act 2020 and is subject to the conditions given overleaf.

Dated: 10<sup>th</sup> November, 2021  
 Place: CHANDIGARH

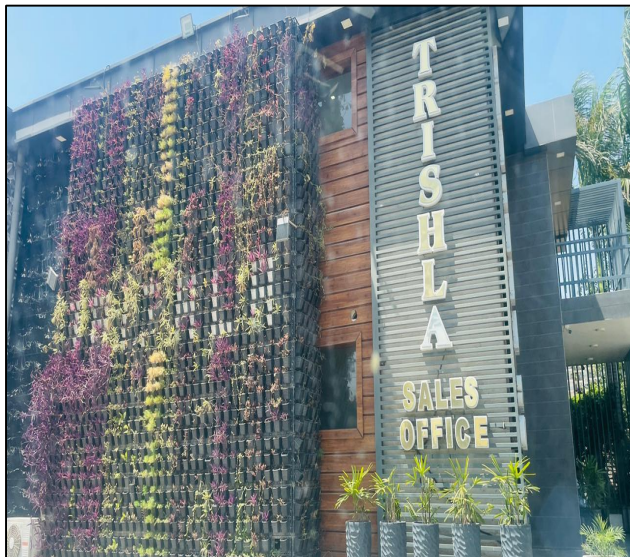


Signature

Jobanpreet Singh, A.O.L-2

Executive Engineer  
 Punjab Water Regulation and Development Authority  
 Chandigarh.

**PHOTOGRAPHS OF PROJECT SITE**



**CONSTRUCTION PHOTOGRAPHS OF PROJECT SITE**

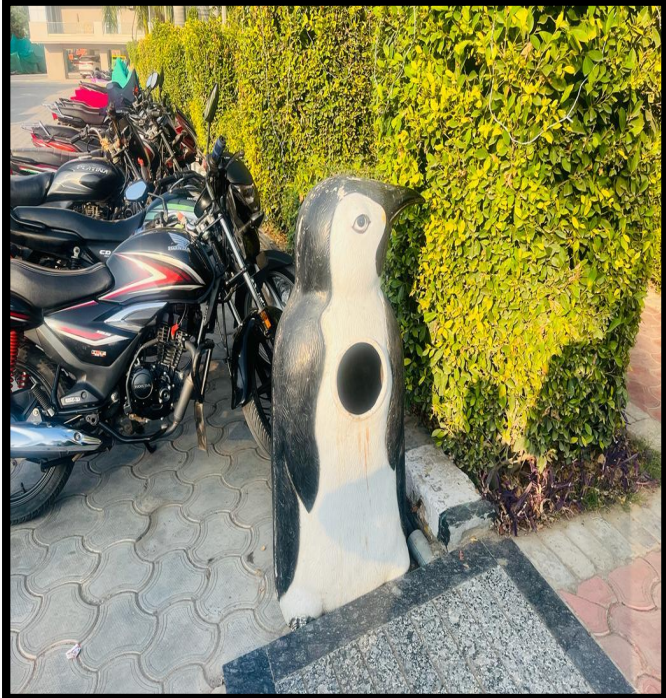


**PHOTOGRAPHS OF GREEN AREA DEVELOPED WITHIN PROJECT**





**PHOTOGRAPHS SHOWING BIO COMPOST PITS OR SOLID WASTE MANAGEMENT**



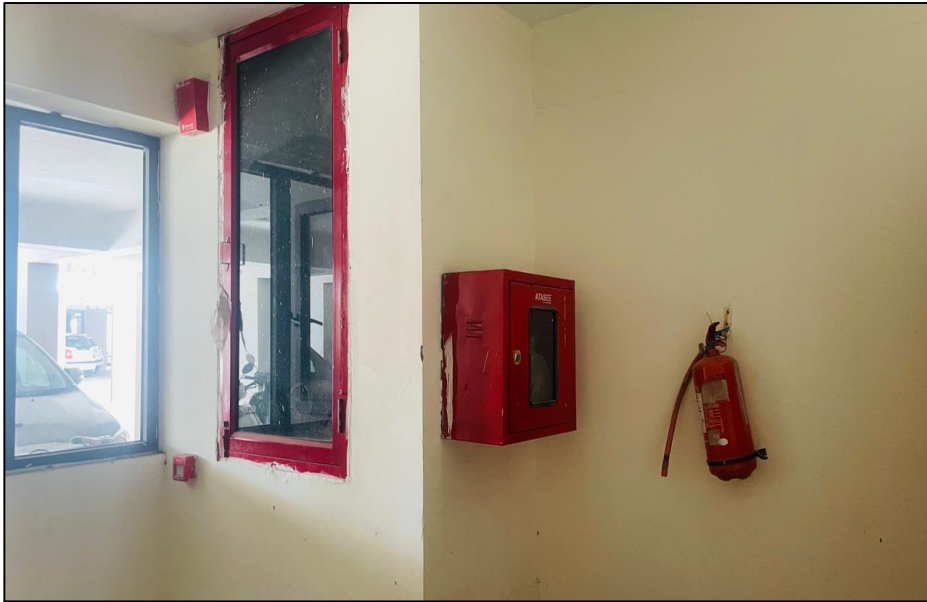
## PARKING AREA



**PHOTOGRAPH SHOWING STP TREATMENT PLANT, DG SETS, etc.**



**FIRE- FIGHTING MEASURES**



**LABORS HUTMENTS**





REGISTERED NO:  
PBRERA-SAS79-PR0050



## Trishla City Declared The Best Managed Housing Society

A Survey Conducted by GMADA / PUDA (Govt. of Punjab) and HT



**Deepti Gupta**  
Director  
Trishla City

**Harish Gupta**  
Managing Director  
Trishla City

**Mr. Tarninder Singh**  
Chairman Cum Managing Director  
Manohar Infrastructure

**Mr. Gurpreet Singh**  
Chief Town Planner  
Punjab Urban Development Authority (PUDA)

**Mr. Rajesh Dhiman**  
Additional Chief Administrator  
Greater Mohali Area Development  
Authority (GMADA)

**Jyotin Verma**  
Business Head - North,  
Hindustan Times.

**You can also become a proud owner of Luxurious Ready Flats**

High Ground Road, Patiala Highway, Zirakpur

8196-01-01-01

| 8196-03-03-03

www.trishlabuilders.com

**PHOTOGRAPHS OF RWR PIT**



**BEFORE CLEANING**



**WORK DONE FOR CLEANING OF PITS**



**PIT AFTER CLEANING**





CLU

Ph. 01762-525088-94

**MUNICIPAL COUNCIL ZIRAKPUR**  
(Distt. S.A.S. Nagar)

ਮਿਉਂਸਪਲ ਕੌਂਸਲ, ਜ਼ੀਰਕਪੁਰ (ਜ਼ਿਲ੍ਹਾ ਐਸ.ਏ.ਐਸ.ਨਗਰ)

ਨੰਬਰ..... 8386.....


ਮਿਤੀ..... 28/12/11.....

ਵੱਲ,

Trishla Buildtech Pvt.Ltd.  
Trishla City,  
High Ground Road Nabha Sahib,  
Patiala Road, Zirakpur.

ਵਿਸ਼ਾ :- ਪ੍ਰੋਜੈਕਟ ਦੀ ਜਗ੍ਹਾਂ ਦੇ ਲੈਂਡ ਯੂਜ਼ ਸਬੰਧੀ।

ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਸਬੰਧੀ ਆਪ ਦੀ ਮੰਗ ਅਨੁਸਾਰ ਲਿਖਿਆ ਜਾਂਦਾ ਹੈ ਕਿ ਨਗਰ ਕੌਂਸਲ, ਜ਼ੀਰਕਪੁਰ ਦੇ ਮਾਸਟਰ ਪਲੈਨ ਅਨੁਸਾਰ ਆਪ ਦੇ ਰਿਹਾਇਸ਼ੀ ਪ੍ਰੋਜੈਕਟ ਦੇ ਨਕਸ਼ੇ ਵਾਲੀ ਜਗ੍ਹਾਂ ਰਿਹਾਇਸ਼ੀ ਜ਼ੋਨ ਵਿੱਚ ਪੈਂਦੀ ਹੈ। ਇਸ ਨੂੰ ਲੱਗਦੀ ਸੜਕ ਮਾਸਟਰ ਪਲੈਨ ਦੇ ਅਨੁਸਾਰ 80 ਫੁੱਟ ਤੋਂ ਵੱਧ ਚੌੜੀ ਹੈ। ਇਹ ਜਗ੍ਹਾਂ ਨਗਰ ਕੌਂਸਲ ਦੀ ਹੱਦ ਵਿੱਚ ਆਉਂਦੀ ਹੈ। ਇਸ ਪ੍ਰੋਜੈਕਟ ਲਈ ਸਰਕਾਰ ਦੀਆਂ ਹਦਾਇਤਾਂ ਪੱਤਰ ਮੀਮੋ ਨੰ: ਸੀ.ਟੀ.ਪੀ.(ਸਸ)-11/430 ਮਿਤੀ 22-3-2011 ਇਸ ਨੂੰ ਸੀ.ਐਲ.ਯੂ.ਦੀ ਲੋੜ ਨਹੀਂ ਹੈ।

  
ਕਾਰਜ ਸਾਧਕ ਅਫਸਰ,  
ਨਗਰ ਕੌਂਸਲ, ਜ਼ੀਰਕਪੁਰ।



भारतीय प्रौद्योगिकी संस्थान रुड़की  
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

सिविल अभियांत्रिकी विभाग  
DEPARTMENT OF CIVIL ENGINEERING

रुड़की - 247 667, उत्तराखण्ड, भारत  
ROORKEE - 247 667, UTTARAKHAND, INDIA

Fax / फ़ैक्स : 01332-275568, 273560

Tele / टेली : 01332-284319, 285219

E-mail / ई-मेल : civil@iitr.ernet.in

Ref. No: CED/AC/R/1

Date: 08.04.2015

TO WHOMSOEVER IT MAY CONCERN

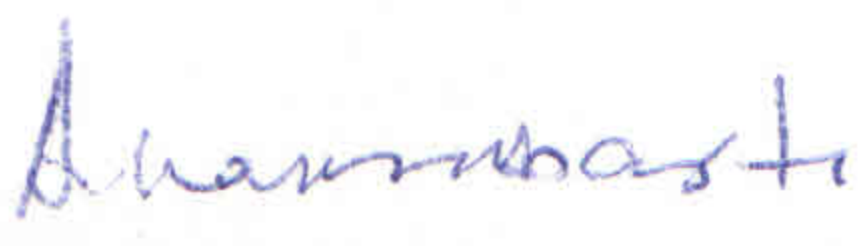
**SUB.: Vetting of structural design and drawings of housing projects of Trishla City, Zirakpur, Punjab (Block: B and C)**

**Ref: Structural design calculations and drawings as submitted**

This is to certify that the structural design and housing projects of Trishla City (Block: B and C), Zirakpur, Punjab have been checked and signed; and found to be conforming to the relevant codes of practice as per the latest Indian standards. All the stipulated combinations of gravity Loads and the relevant lateral loads have been considered and duly incorporated in the analysis and design.

The responsibility of the Indian Institute of Technology Roorkee shall be limited to checking of structural design calculations and drawings only. All procedural /legal/operational matters and architectural/functional details will be the responsibility of the owner.

Sincerely

  
(Dr. Anupam Chakrabarti)

Dr. Anupam Chakrabarti  
Associate Professor  
Department of Civil Engineering  
Indian Institute of Technology Roorkee  
ROORKEE-247 667 (Uttarakhand)

  
(Dr. Rajib Chowdhury)

**Rajib Chowdhury**  
Assistant Professor  
Department of Civil Engineering  
Indian Institute of Technology Roorkee  
Roorkee - 247667, Uttarakhand



Office Dispatch No.: PBIP/F/578009/2023

Date: 12.06.2023

To

**RAJENDER KUMAR**  
R/O FLAT NO. 2302-F, TRISHLA CITY, HIGH GROUND ROAD, ZIRAKPUR, SAS NAGAR(MOHALI), PUNJAB  
S.A.S NAGAR, MOHALI - 136135

**Subject:- Extension in the Validity of "Consent to Establish"(NOC) Granted u/s 25 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981 to the Unit.**

**1. Particulars of Consent to Establish (NOC) granted to the Industry:**

PIN	210610512
Application No.:	2305246872
Date of Issue:	12-Jun-2023
Date of Expiry:	31-Mar-2025
Certificate Type:	Fresh
Certificate No:	CTE/Ext/PBIP/SAS/2023/2305246872

**2. Particulars of the Industry:**

Name & Designation of the Applicant:	Rajender Kumar, (General Manager)
Name of Business Entity	Trishla Buildtech Private Limited
Name of the Project/Unit:	Group Housing Project Namely "Trishla City" by M/s Trishla Buildtech Pvt. Ltd.
Address of Project/Unit:	M/s Trishla Buildtech Pvt. Ltd., High Ground Road, Zirakpur, Distt. Mohali, Punjab , Der Bassi , S.A.S Nagar
Capital Investment of the Industry(in lakhs):	16500.00
Category of Industry:	Red
Type of Industry:	1063 - Building and construction projects more than 20,000 sq. m built up area and having waste water generation 100 KLD and above.
Scale of the Industry:	Large - > Rs. 50 Crore
Office District:	SAS Nagar
Consent Fee Details:	Rs. 650500/- vide UTR No. SBIN421361278718 dated 27.12.2021 valid upto 31.03.2025
Raw Materials (Name with quantity per day):	N.A. being construction / Group Housing project.
Products (Name with quantity per day):	Residential Flats @ 910 Number Shops @ 36 Number Community Centre @ 01 Number School @ 01 Number Group Housing project namely "Trishla City" with built up area of 114339.918 sqm at Village Nabha Sahib, Zirakpur, Tehsil Derabassi, Distt. SAS Nagar developed by M/s Trishla Buildtech Pvt. Ltd.

By Products, if any (Name with quantity per day) :	--
Details of the machinery and processes:	As per application form.
Details of Effluent Treatment Plant:	STP of 650 KLD capacity based on MBBR Technology followed by Ultra filtration, out of which, one STP of 250 KLD based on SAFF has already being installed within its premises.
Mode of disposal of Effluent:	Domestic Effluent @ 451 KLD - After STP, 194 KLD will be used for flushing, 56 KLD will be used for gardening / green belt, 67 KLD will be used for plantation area as per Karnal Technology (in an area of 1.2 acres) and rest about 134 KLD will be discharged into sewer
Standard to be achieved under Water(Prevention & Control of Pollution) Act, 1974:	As prescribed by CPCB/MoEF&CC/PPCB, from time to time.
Sources of emissions and type of pollutants:	DG Sets - SOx, NOx & SPM
Mode of disposal of emissions with stack height:	1. One DG Set of capacity 1000 KVA - Canopy and stack of 6 mt. above roof provided. 2. One DG Set of capacity 250 KVA - Canopy and stack of 3 mt. above roof provided. 3. One DG Set of capacity 125 KVA - Canopy and stack of 3 mt. above roof provided.
Quantity of fuel required in TPD:	1. One DG Set of capacity 1000 KVA - Fuel HSD @ 90 Lit/day 2. One DG Set of capacity 250 KVA - Fuel HSD @ 22 Lit/day 3. One DG Set of capacity 125 KVA - Fuel HSD @ 11 Lit/day
Type of Air Pollution Control Devices to be installed:	1. One DG Set of capacity 1000 KVA - Canopy and stack of 6 mt. above roof provided. 2. One DG Set of capacity 250 KVA - Canopy and stack of 3 mt. above roof provided. 3. One DG Set of capacity 125 KVA - Canopy and stack of 3 mt. above roof provided.
Standard to be achieved under Air(Prevention & Control of Pollution) Act, 1981:	As prescribed by CPCB/MoEF&CC/PPCB, from time to time.


Environmental Engineer (PBIP)  
for & on behalf of  
Chief Environmental Engineer (PBIP)

Endst. No.

Dated:

A copy of the above is forwarded to the following for information and necessary action please:

1. Senior Environmental Engineer, Zonal Office-I, Patiala.
2. Environmental Engineer, Regional Office, SAS Nagar.

  
Environmental Engineer (PBIP)  
for & on behalf of  
Chief Environmental Engineer (PBIP)

## B. SPECIAL CONDITIONS

The validity of the Consent to Establish for expansion granted to the project proponent vide no. CTE/Exp/SAS/2022/17473915 dated 9.05.2022, which was valid upto 08.05.2023, be further extended upto 31.03.2025, subject to all terms & conditions as mentioned in the original Consent to Establish for expansion granted to the project.

  
Environmental Engineer (PBIP)  
for & on behalf of  
Chief Environmental Engineer (PBIP)



## PUNJAB POLLUTION CONTROL BOARD

Zonal Office-I, Vatavaran Bhawan, Nabha Road, Patiala

Website:- www.ppcb.gov.in

Office Dispatch No :	Registered/Speed Post	Date:
Industry Registration ID: R19SAS519461		Application No : 19127862

To,  
**Harish Gupta**  
 Trishla City, nabha Sahib, high Ground Road, zirakpur  
 Zirakpur, Mohali-140603

Subject: Grant Varied 'Consent to Operate' an outlet u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974 for discharge of effluent.

With reference to your application for obtaining Varied 'Consent to Operate' an outlet for discharge of the effluent u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974, you are, hereby, authorized to operate an industrial unit for discharge of the effluent(s) arising out of your premises subject to the Terms and Conditions as mentioned in this Certificate

### 1. Particulars of Consent to Operate under Water Act, 1974 granted to the industry

Consent to Operate Certificate No.	CTOW/Varied/SAS/2022/19127862
Date of issue :	14/10/2022
Date of expiry :	31/03/2024
Certificate Type :	Varied
Previous CTO No. & Validity :	CTOW/Renewal/SAS/2020/12724624 From:10/08/2020 To:31/03/2022

### 2. Particulars of the Industry

Name & Designation of the Applicant	Manjit Singh, (General Secretary)
Address of Industrial premises	Trishla City Residents Welfare Association, Trishla City, village-nabha Sahib, High Ground Road, zirakpur, Derabassi, Sas Nagar-140603
Capital Investment of the Industry	13946.0 lakhs
Category of Industry	Red
Type of Industry	1063-Building and construction projects more than 20,000 sq. m built up area and having waste water generation 100 KLD and above
Scale of the Industry	Large
Office District	Sas Nagar
Consent Fee Details	Rs. 1,07,300/- vide UTR No. SBIN322174813248 dated 23.06.2022 Rs. 5,00,000/- vide UTR No. SBIN322174815569 dated 23.06.2022
Raw Materials(Name with quantity per day)	N.A. being construction project.

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<b>Products (Name with quantity per day)</b>	<i>Residential Flats @ 483 Number Shops @ 15 Number Community Center @ 01 Number</i>
<b>By-Products, if any,(Name with quantity per day)</b>	--
<b>Details of the machinery and processes</b>	<i>As per application no. 19127862</i>
<b>Details of the Effluent Treatment Plant</b>	<i>STP capacity 300 KLD based on MBBR Technology</i>
<b>Mode of Disposal</b>	<i>Domestic Effluent @ 244 KLD - After STP, 103 KLD reused for flushing, 39 KLD for the green area and 112 KLD into MC sewer.</i>
<b>Standards to be achieved under Water(Prevention &amp; Control of Pollution) Act, 1974</b>	<i>As per effluent standards prescribed by the PPCB/MoEF&amp;CC from time to time.</i>



14/10/2022

**( Kuldeep Singh )  
Environmental Engineer**

*For & on behalf*

*of*

**(Punjab Pollution Control Board)**

**Endst. No.:**

**Dated:**

A copy of the above is forwarded to the following for information and necessary action please:

The Environmental Engineer, Punjab Pollution Control Board, Regional Office, SAS Nagar. It is requested to visit the site within one month to monitor the STP, verify the mode of disposal, verify the compliance with the conditions of EC expansion granted and verify the compliance with Environmental law and send the report along with the recommendation.



14/10/2022

**( Kuldeep Singh )  
Environmental Engineer**

*For & on behalf*

*of*

**(Punjab Pollution Control Board)**

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*Trishla City Residents Welfare Association, Trishla City, village-nabha Sahib, High Ground Road, zirakpur, Derabassi, Sas Nagar, 140603*

## TERMS AND CONDITIONS

### A. GENERAL CONDITIONS

1. This consent is not valid for getting power load from the Punjab State Power Corporation Limited or for getting loan from the financial institutions.
2. The industry shall apply for renewal/further extension in validity of consent atleast two months before expiry of the consent.
3. The industry shall ensure that the effluent discharging through the authorized outlet shall confirm to the prescribed standards as applicable from time to time.
4. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per hectare all along the boundary of the industrial premises.
5. The achievement of the adequacy and efficiency of the effluent treatment plant/pollution control devices/re-circulation system installed shall be the entire responsibility of the industry.
6. The industry shall ensure that the Hazardous Wastes generated from the premises are handled as per the provisions of the Hazardous Wastes(Management, Handling and Trans boundary Movement) Rules, 2008 as amended time to time , without any adverse effect on the environment, in any manner
7. The responsibility to monitor the effluent discharged from the authorized outlet and to maintain a record of the same rests with the industry. The Board shall only test check the accuracy of these reports for which the industry shall deposit the samples collection and testing fee with the Board as and when required.
8. The industry shall submit balance sheet of every financial year to the concerned Regional Office by 30th June of every year.
9. The industry shall submit a yearly certificate to the effect that no addition/up-gradation/ modification/modernization has been carried out during the previous year otherwise the industry shall apply for the varied consent.
10. During the period beginning from the date of issuance and the date of expiration of this consent, the applicant shall not discharge floating solids or visible foam.
11. Any amendments/revisions made by the Board in the tolerance limits for discharges shall be applicable to the industry from the date of such amendments/revisions.
12. The industry shall not change or alter the manufacturing process(es) so as to change the quality and/or quantity of the effluents generated without the written permission of the Board.
13. Any upset conditions in the plant/plants of the factory, which is likely to result in increased effluent and/or result in violation of the standards lay down by the Board shall be reported to the Environmental Engineer, Punjab Pollution Control Board of concerned Regional Office immediately failing which any stoppage and upset conditions that come to the notice of the Board/its officers, will be deemed to be intentional violation of the conditions of consent.
14. The industry shall provide terminal manhole(s) at the end of each collection system and a manhole upstream of final outlet (s) out of the premises of the industry for measurement of flow and for taking samples.
15. The industry shall for the purpose of measuring and recording the quantity of water consumed and effluent discharged, affix meters of such standards and at such places as approved by the Environmental Engineer, Punjab Pollution Control Board of the concerned Regional Office.
16. The industry shall maintain record regarding the operation of effluent treatment plant i.e. record of quantity of chemicals and energy utilized for treatment and sludge generated from treatment so as to satisfy the Board regarding regular and proper operation of pollution control equipment.
17. The industry shall provide online monitoring equipment<sup>1/2</sup>s for the parameters as decided by concerned Regional Office with the effluent treatment plant/air pollution control devices installed, if applicable.
18. The pollution control devices shall be interlocked with the manufacturing process of the industry.
19. The authorized outlet and mode of disposal shall not be changed without the prior written permission of the Board.
20. The industry shall comply with the conditions imposed by the SEIAA / MOEF in the environmental clearance granted to it as required under EIA notification dated 14/9/06, if applicable.
21. The industry shall obtain and submit Insurance cover as required under the Public Liability Insurance Act, 1991.
22. The industry shall not use any unauthorized out-let(s) for discharging effluents from its premises. All unauthorized outlets, if any, shall be connected to the authorized outlet within one month from the date of issue of this consent.

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*Trishla City Residents Welfare Association, Trishla City, village-nabha Sahib, High Ground Road, zirakpur, Derabassi, Sas Nagar, 140603*

23. The industry shall make necessary arrangements for the monitoring of effluent being discharged by the industry and shall monitor its effluents:-
  - (i) Once in Year for Small Scale Industries.
  - (ii) Four in a Year for Large/Medium Scale Industries.
  - (iii) The industry will submit monthly reading/ data of the separate energy meter installed for running of effluent treatment plant/re-circulation system to the concerned Regional Office of the Board by the 5th of the following month.
24. The industry shall provide electromagnetic flow meters at the source of water supply, at inlet/outlet of effluent treatment plant within one month and shall maintain the record of the daily reading and submit the same to the concerned Regional Office by the 5th of the following month.
25. The Board reserves the right to revoke this consent at any time in case the industry is found violating any of the conditions of this consent and/or the provisions of Water (Prevention & Control of Pollution) Act, 1974 as amended from time to time.
26. The issuance of this consent does not convey any property right in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local Laws or Regulations.
27. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse.
28. Nothing in this consent shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected under this or any other Act.
29. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of septic tank.
30. The diversion or bye pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this consent is prohibited except.
  - (i) Where unavoidable to prevent loss of life or some property damage or
  - (ii) Where excessive storm drainage or run off would damage facilities necessary for compliance with terms and conditions of this consent. The applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.
31. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises.
32. The industry shall comply with the code of practice as notified by the Government/ Board for the type of industries where the siting guidelines/ code of practice have been notified.
33. Solids, sludge, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed off in such a manner to prevent any pollutants from such materials from entering into natural water.
34. The industry shall re-circulate the entire cooling water and shall also re-circulate/reuse to the maximum extent the treated effluent in processes
35. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of re-circulation system/ effluent treatment plant.
36. The industry shall make proper disposal of the effluent so as to ensure that no stagnation occurs inside and outside the industrial premises during rainy season and no demand period.
37. Where excessive storm water drainage or run off, would damage facilities necessary for compliance with terms and conditions of this consent, the applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.
38. The industry shall submit a detailed plan showing therein the distribution system for conveying waste-water for application on land for irrigation along with the crop pattern for the year.
39. The industry shall ensure that the effluent discharged by it is toxicity free.
40. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.
41. Drains causing oil & grease contamination shall will be segregated. Oil & grease trap shall be provided to recover oil & grease from the effluent.

42. The industry shall establish sufficient number of piezometer wells in consultation with the concerned Regional Office, of the Board to monitor the impact on the Ground Water Quantity due to the industrial operations, and the monitoring shall be submitted to the Environmental Engineer of the concerned Regional Office by the 5th of every month.
43. The industry shall ensure that its production capacity & quantity of trade effluent do not exceed the quantity mentioned in the consent and shall not carry out any expansion without the prior permission/NOC of the Board.



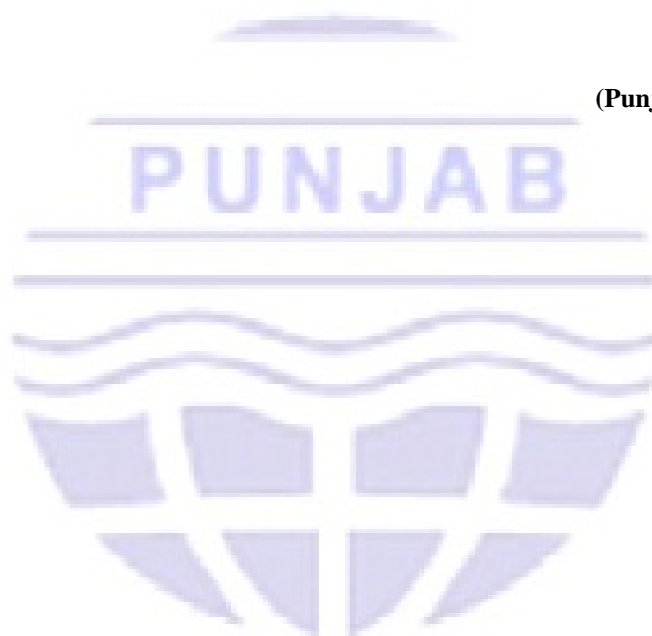
14/10/2022

**( Kuldeep Singh )  
Environmental Engineer**

*For & on behalf*

*of*

**(Punjab Pollution Control Board)**



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*Trishla City Residents Welfare Association, Trishla City, village-nabha Sahib, High Ground Road, zirakpur, Derabassi, Sas Nagar, 140603*



# PUNJAB POLLUTION CONTROL BOARD

Zonal Office-I, Vatavaran Bhawan, Nabha Road, Patiala

Website:- www.ppcb.gov.in

Office Dispatch No :

Registered/Speed Post

Date:

Industry Registration ID: R19SAS519461

Application No : 19127870

To,  
**Manjit Singh**  
Trishla City,nabha Sahib,high Ground Road,zirakpur  
Zirakpur,Mohali-140603

Subject: Grant Varied 'Consent to Operate' u/s 21 of Air (Prevention & Control of Pollution) Act, 1981 for discharge of emissions arising out of premises.

With reference to your application for obtaining Varied 'Consent to Operate' u/s 21 of Air (Prevention & Control of Pollution) Act, 1981, you are hereby, authorized to operate an industrial unit for discharge of the emission(s) arising out of your premises subject to the Terms and Conditions as mentioned in this Certificate.

## 1. Particulars of Consent to Operate under Air Act, 1981 granted to the industry

Consent to Operate Certificate No.	CTOA/Varied/SAS/2022/19127870
Date of issue :	14/10/2022
Date of expiry :	31/03/2024
Certificate Type :	Varied
Previous CTO No. & Validity :	CTOA/Renewal/SAS/2020/12724386 From:10/08/2020 To:31/03/2022

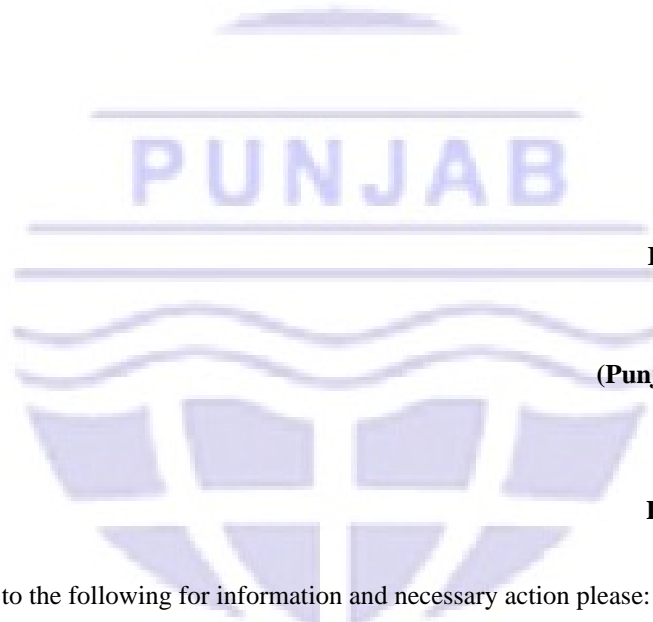
## 2. Particulars of the Industry

Name & Designation of the Applicant	Manjit Singh, (General Secretary)
Address of Industrial premises	Trishla City Residents Welfare Association, Trishla City,village-nabha Sahib, High Ground Road,zirakpur, Derabassi,Sas Nagar-140603
Capital Investment of the Industry	13946.0 lakhs
Category of Industry	Red
Type of Industry	1063-Building and construction projects more than 20,000 sq. m built up area and having waste water generation 100 KLD and above
Scale of the Industry	Large
Office District	Sas Nagar
Consent Fee Details	Rs. 1,07,300/- vide UTR No. SBIN322174813248 dated 23.06.2022 Rs. 5,00,000/- vide UTR No. SBIN322174815569 dated 23.06.2022
Raw Materials (Name with Quantity per day)	N.A. being construction project.

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<b>Products (Name with Quantity per day)</b>	<i>Residential Flats @ 483 Number Shops @ 15 Number Community Center @ 01 Number</i>
<b>By-products, if any, (Name with Quantity per day)</b>	
<b>Details of the machinery and process</b>	<i>As per application no.19127870</i>
<b>Quantity of fuel required (in TPD) and capacity of boilers/ Furnace/Thermo heater etc.</b>	<i>One DG Set of capacity 250 KVA - Fuel HSD @ 50 Lit/day</i>
<b>Type of Air Pollution Control Devices to be installed</b>	<i>One DG Set of capacity 250 KVA - Canopy and stack of 3 mt. above roof provided.</i>
<b>Stack height provided with each boiler/thermo heater/Furnace etc.</b>	<i>One DG Set of capacity 250 KVA - Canopy and stack of 3 mt. above roof provided.</i>
<b>Sources of emissions and type of pollutants</b>	<i>DG Set - SO<sub>x</sub>, NO<sub>x</sub> &amp; SPM</i>
<b>Standards to be achieved under Air(Prevention &amp; Control of Pollution) Act, 1981</b>	<i>As per emission standards prescribed by the PPCB/ MoEF&amp;CC from time to time.</i>



14/10/2022

**( Kuldeep Singh )  
Environmental Engineer**

*For & on behalf  
of*

**(Punjab Pollution Control Board)**

**Endst. No.:**

**Dated:**

A copy of the above is forwarded to the following for information and necessary action please:  
The Environmental Engineer, Punjab Pollution Control Board, Regional Office, SAS Nagar.

14/10/2022

**( Kuldeep Singh )  
Environmental Engineer**

*For & on behalf  
of*

**(Punjab Pollution Control Board)**

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*Trishla City Residents Welfare Association, Trishla City, village-nabha Sahib, High Ground Road, zirakpur, Derabassi, Sas Nagar, 140603*

## TERMS AND CONDITIONS

### A. GENERAL CONDITIONS

1. This consent is not valid for getting power load from the Punjab State Power Corporation Ltd. or for getting loan from the financial institutions.
2. The industry shall apply for renewal /extension of consent at least two months before expiry of the consent.
3. The industry shall not violate any of the norms prescribed under the Air (Prevention & Control of Pollution) Act, 1981, failing which, the consent shall be cancelled / revoked.
4. The achievement of adequacy and efficiency of the air pollution control devices installed shall be the entire responsibility of the industry
5. The authorized fuel being used shall not be changed without the prior written permission of the Board.
6. The industry shall not discharge any fugitive emissions. All gases shall be emitted through a stack of suitable height, as per the norms fixed by the Board from time to time.
7. The industry shall provide port-holes, platforms and/or other necessary facilities as may be required for collecting samples of emissions from any chimney, flue or duct or any other outlets.

#### Specifications of the port-holes shall be as under:-

- i) The sampling ports shall be provided atleast 8 times chimney diameter downstream and 2 times upstream from the flow disturbance. For a rectangular cross section the equivalent diameter ( $D_e$ ) shall be calculated from the following equation to determine upstream, downstream distance:-  
$$D_e = 2 LW / (L+W)$$
  
Where L= length in mts. W= Width in mts.
  - ii) The sampling port shall be 7 to 10 cm in diameter
8. The industry shall put display Board indicating environmental data in the prescribed format at the main entrance gate.
  9. The industry shall discharge all gases through a stack of minimum height as specified in the following standards laid down by the Board.

#### (i) Stack height for boiler plants

S.NO.	Boiler with Steam Generating Capacity	Stack heights
1.	Less than 2 ton/hr.	9 meters or 2.5 times the height of neighboring building which ever is more
2.	More than 2 ton/hr. to 5 ton/hr.	12 meters
3.	More than 5 ton/hr. to 10 ton/hr	15 meters
4.	More than 10 ton/hr. to 15 ton/hr	18 meters
5.	More than 15 ton/hr. to 20 ton/hr	21 meters
6.	More than 20 ton/hr. to 25 ton/hr.	24 meters
7.	More than 25 ton/hr. to 30 ton/hr.	27 meters
8.	More than 30 ton/hr.	30 meters or using the formula $H = 14 Q_g^{0.3}$ $H = 74 (Q_p)^{0.24}$ Where $Q_g$ = Quantity of SO <sub>2</sub> in Kg/hr. $Q_p$ = Quantity of particulate matter in Ton/day.

**Note : Minimum Stack height in all cases shall be 9.0 mtr. or as calculated from relevant formula whichever is more.**

**(ii) For industrial furnaces and kilns, the criteria for selection of stack height would be based on fuel used for the corresponding steam generation.**

**(iii) Stack height for diesel generating sets:**

Capacity of diesel generating set	Height of the Stack	
0-50 KVA	Height of the building	+ 1.5 mt
50-100 KVA	-do-	+ 2.0 mt.
100-150 KVA	-do-	+ 2.5 mt.
150-200 KVA	-do-	+ 3.0 mt.
200-250 KVA	-do-	+ 3.5 mt.
250-300 KVA	-do-	+ 3.5 mt.

**For higher KVA rating stack height H (in meter) shall be worked out according to the formula:**

$$H = h + 0.2 (KVA)^{0.5}$$

where h = height of the building in meters where the generator set is installed.

10. The pollution control devices shall be interlocked with the manufacturing process of the industry to ensure its regular operation.
11. The existing pollution control equipment shall be altered or replaced in accordance with the directions of the Board, and no pollution control equipment or chimney shall be altered or as the case may be erected or re-erected except with the prior approval of the Board.
12. The industry will provide canopy and adequate stack with the D.G sets so as to comply with the provision of notification No GSR-371 E dated 17-5-2002(amended from time to time) issued by MOEF under Environment (Protection) Act, 1986.
13. The Govt. of Punjab, Department of Science, Technology & Environment vide its notification no.4/46/92-3ST/2839 dt. 29/12/1993 has put prohibition on the use of rice husk as fuel after 1.4.1995 except the following:-  
**In the form of briquettes and use of rice husk in fluidized bed combustion. So the industry shall make the necessary arrangement to comply with the above notification.**
14. The industry shall submit balance sheet of every financial year to the concerned Regional Office by 30th June of every year
15. That the industry shall submit a yearly certificate to the effect that no addition / up-gradation/ modification/ modernization has been carried out during the previous year otherwise the industry shall apply for the varied consent.
16.
  - a) The industry shall ensure that at any time the emission do not exceed the prescribed emissions standards laid down by the Board from time to time for such type of industry /emissions.
  - b) The industry shall ensure that the emissions from each stack shall conform to the following emission standards laid down by the Board in respect of the Industrial Boilers.

Steam Generating capacity A.	Required particulate matter B.	
<i>Area upto 5 Km from Other than 'A' class Other than the periphery of I and Class-II town</i>		
<i>Less than 2 ton/hr.</i>	800 mg/NM3	1200 mg/NM3
<i>2 ton to 10 ton/hr.</i>	500 mg/NM3	1000 mg/NM3
<i>Above 10 ton to 15 ton/hr</i>	350 mg/NM3	500 mg/NM3
<i>Above 15 ton/hr</i>	150 mg/NM3	150 mg/NM3


All emissions normalized to 12% carbon dioxide.

17. The industry shall ensure that the Hazardous Wastes generated from the premises are handled as per the provisions of the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008, without any adverse effect on the environment, in any manner.
18. The air pollution control equipments shall be kept at all time in good running condition and;



- (i) All failures of control equipments.
  - (ii) The emissions of any air pollutant into the atmosphere in excess of the standards lay down by the Board occurring or being apprehended to occur due to accident or other unforeseen act or event. 'Shall be intimated through fax to the concerned Regional Office as well as to the Director of Factories, Punjab, Chandigarh as required under rule 10 of the Punjab State Board for the Prevention and Control of Air Pollution Rules, 1983'.
19. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per hectare all along the boundary of the industrial premises.
  20. The industry shall submit a site emergency plan approved by the Chief Inspector of Factories, Punjab as applicable.
  21. The industry shall comply with the conditions imposed by the SEIAA/MOEF in the Environmental Clearance granted to it as required under EIA notification dated 14/9/06, if applicable.
  22. The industry shall make necessary arrangements for the monitoring of stack emissions and shall get its emissions analyzed from lab approved / authorized by the Board:-
    - (i) Once in Year for Small Scale Industries.
    - (ii) Twice/thrice/four time in a Year for Large/Medium Scale Industries.
  23. The industry shall maintain the following record to the satisfaction of the Board :-
    - (i) Log books for running of air pollution control devices or pumps/motors used for it.
    - (ii) Register showing the result of various tests conducted by the industry for monitoring of stack emissions and ambient air.
    - (iii) Register showing the stock of absorbents and other chemicals to be used for scrubbers.
  24. The industry will install the separate energy meter for running pollution control devices and shall maintain record with respect to operation of air pollution control device so as to satisfy the Board regarding the regular operation of air pollution control device and monthly reading / record may be sent to the Board by the fifth of the following month.
  25. The industry shall provide online monitoring system as applicable, for in stack emission and shall maintain the record of the same for inspection of the Board Officers.
  26. The Board reserves the right to revoke the consent granted to the industry at any time, in case the industry is found violating the provisions of Air (Prevention & Control of Pollution) Act, 1981 as amended from time to time.
  27. The industry shall comply with any other conditions laid down or directions issued in due course by the Board under the provisions of the Air (Prevention & Control of Pollution) Act, 1981.
  28. Nothing in this consent shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected to under this or any other Act.
  29. Any amendments/revisions made by the Board/CPCB/MOEF in the emission/stack height standards shall be applicable to the industry from the date of such amendments/revisions.
  30. The industry shall dispose off its solid waste generated by the burning of fuel in an Environmentally Sound Manner within the premises/outside as approved by the Board, to avoid public nuisance and air pollution problem in the area.
  31. The industry shall ensure that no air pollution problem or public nuisance is created in the area due to the discharge of emissions from the industry.
  32. The industry shall provide adequate arrangement for fighting the accidental leakage/discharge of any air pollutant/gas/ liquids from the vessels, mechanical equipment's etc, which are likely to cause environmental pollution.
  33. The industry shall not change or alter the manufacturing process(es) and fuel so as to change the quality/quantity of emissions generated without the prior permission of the Board.
  34. The industry shall earmark a land within their premises for disposal of boiler ash in an environmentally sound manner, and / or the industry shall make necessary arrangements for proper disposal of fuel ash in a scientific manner and shall maintain proper record for the same, if applicable.
  35. The industry shall obtain and submit Insurance cover under the Public Liability Insurance Act, 1991.
  36. The industry shall provide proper and adequate air pollution control arrangements for control emission from its fuel handling area, if applicable.

37. The industry shall comply with the code of practice as notified by the Government/Board for the type of industries where the siting guidelines / Code of Practice have been notified.
38. The industry shall not cause any nuisance/traffic hazard in vicinity of the area
39. The industry shall ensure that the noise & air emission from D.G. sets do not exceed the standards prescribed for D.G. sets by the Ministry of Environment & Forests, New Delhi.
40. The industry shall ensure that there will not be significant visible dust emissions beyond the property line
41. The industry shall provide adequate and appropriate air pollution control devices to contain emissions from handling, transportation and processing of raw material & product of the industry.
42. The Industry shall ensure that its production capacity does not exceed the capacity mentioned in the consent and shall not carry out any expansion without the prior permission / NOC of the Board.



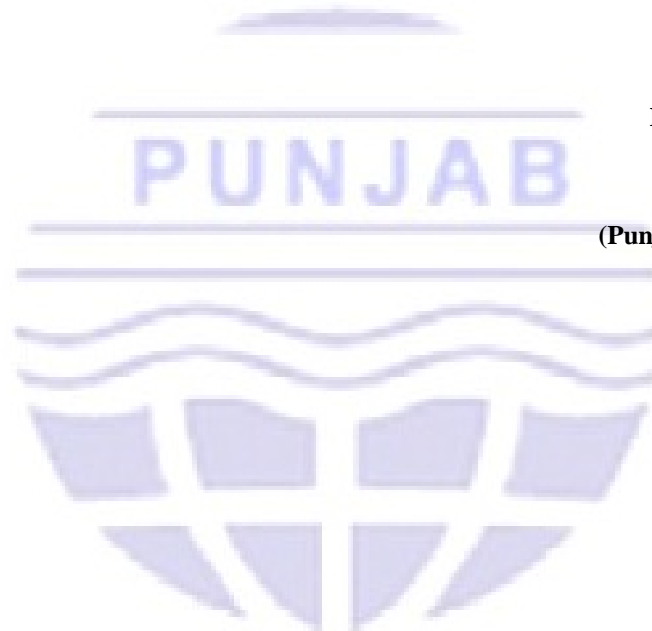
14/10/2022

**( Kuldeep Singh )  
Environmental Engineer**

*For & on behalf*

*of*

**(Punjab Pollution Control Board)**



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*Trishla City Residents Welfare Association, Trishla City, village-nabha Sahib, High Ground Road, zirakpur, Derabassi, Sas Nagar, 140603*

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Tele: 23010231/7317

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Directorate of Ops (ATS)  
Air Headquarters  
Vayu Bhawan, Rafi Marg  
New Delhi -110011

Air HQ/S 17726/4/1/ATS (Ty BM-MMCMLXII)

65 May 2020

M/s Trishla Buildtech Pvt Ltd  
Shop No. 2, Trishla City  
Vill-Nabha, High Ground Road  
MC Zirakpur, Dist- SAS Nagar  
Mohali, Punjab-140803

**NOC FOR CONSTRUCTION OF BUILDING(S)**

Sir,

1. Please refer your application on the subject.
2. The application has been examined within provisions mentioned under section 5(2) of Gazette of India GSR 751 (E) read in conjunction with sub section (1) clause (o) & clause (r) of sub section 2 of section 5 read with section 9 A of Aircraft Act 1934, Works of Defence Act 1903 and other relevant orders on the subject. Air HQ has no objection for construction of building for residential & commercial project with a reduced height of 47.70 M AGL or 358.70 M AMSL including all projections at Khasra Nos. 839/100, 48, 3037/47, 46, 49, 50, 51, 52, 785/45, 3036/47, 947/438, 60, 61, 437, 944/436/1, 946/438/1945/438/2, 53, 54, 55, 57, 58, 59, 944/438/2, 946/438/2, Vill-Nabha, High Ground Road, MC Zirakpur, Dist-SAS Nagar (Mohali), Punjab, subject to following conditions:
  - (a) The NOC is for construction of buildings and cannot be used as document for any other purpose/claim whatsoever including ownership of land.
  - (b) The applicant is responsible to obtain NOC/all statutory clearances from the concerned authorities including approval of building plans. Clearance shall also be obtained separately from any other defence establishment in the vicinity of proposed construction.
  - (c) The site elevation and site coordinates provided by the applicant are taken for calculation of the permissible top elevation of the proposed structures. If however at any stage it is established that the actual site elevation and site coordinates are different from those provided by the applicant, the NOC will be invalid.
  - (d) The issue of the NOC is further subject to the provisions of Sec 9 A of the Indian Aircraft Act 1934 and those of any notifications issued there under from time to time including the Aircraft (Demolition of Obstruction caused by buildings and trees etc) Rules, 1994.
  - (e) Vertical extent (highest point) of the building proposed at coordinates mentioned overleaf shall not exceed 47.70 M AGL or 358.70 M AMSL whichever is lower. No extension or structure permanent or temporary (e.g. Cranes, Antennas, Murtas, Lightening Arresters, Lift machine room, Overhead water tank, Cooling towers, Sign boards, any attachment or fixtures of any kind) shall be permitted above the cleared height.

Corners	Latitude	Longitude	Site Elevation
A	30° 38' 52" N	76° 47' 51" E	310 M AMSL
B	30° 38' 52" N	76° 47' 43" E	310 M AMSL
C	30° 38' 47" N	76° 47' 43" E	311 M AMSL
D	30° 38' 47" N	76° 47' 45" E	311 M AMSL

(f) Standard obstruction lightings as per IS 5613 notification and International Civil Aviation Organization (ICAO) standards as stipulated in ICAO Annex-14 is to be provided by the company. The lights shall be kept 'ON' at all times. Provision shall be made for standby power supply to keep the lights 'ON' during power failure. Company shall carry out periodic maintenance of the lights to keep them in serviceable and visible condition.

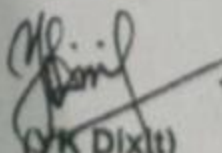
(g) A proper garbage disposal system in accordance with the provisions of Solid Waste Management Rules, 2016 / Gazette Notification SO 1357(E) (Para 4) or Environment (Protection) Act, 1986 including amendments shall be adhered by the applicant for the purpose of avoiding bird activity.

(h) No light or a combination of lights which by reason of its intensity, configuration or colour may cause confusion with the aeronautical ground lights of the Airport shall be installed at the site at any time during or after the construction of the building.

(i) The commencement and completion of construction including installation of obstruction lights shall be intimated to AOC, Air Force Station Chandigarh and Command ATC Officer, HQ Western Air Command, IAF, Subroto Park, New Delhi-10. Failure to render these certificates within the stipulated time shall lead to cancellation of NOC.

(k) The NOC is valid for five years from the date of its issue. If the building is not constructed and completed within this period, the applicant shall be required to obtain a fresh/extension of NOC from Indian Air Force. Request for revalidation of NOC will not be entertained after the expiry of validity period.

Yours sincerely,



(J.K. Dixit)  
Group Captain  
Group Captain Operations ATS



# Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

(Formerly known as Eco Laboratories & Consultants Pvt. Ltd.)



## TEST REPORT

ULR No. : NA		Test Report No. : RWAM301023RE001	
Type of Sample : Water (Ground Water)		Date of Reporting : 04/11/2023	
Customer	Group Housing Project "Trishla City" By M/s. Trishla Builders & Developers Located at Zirakpur, Distt. S.A.S Nagar (Mohali) Punjab	Work Order No. & Date	Work Order DT:21.10.2023
		Customer reference No. (If any)	NA
Sampling Protocol	IS:17614 (P-1) 2021	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	30/10/2023	Date of Receipt of Sample	30/10/2023
Sampling Location	From Borewell	Testing Location	Permanent Facility
Testing Protocol	IS:10500-2012 (IInd Revision)	Period of Analysis	30/10/2023 To 04/11/2023
Sample Description	Clear, colourless liquid.		
Packing, Markings, Seal & Qty.	2 litre Plastic & 500ml Glass Bottle Marked W/30/01		

## RESULTS

### I-Chemical Testing

#### 1. Water (Ground Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Colour	Colour Units	BDL	5	15	IS: 3025 (Part-4)CI 2.0 [DL- 5 Colour Units]
2	Odour	-	Agreeable	Agreeable	Agreeable	IS:3025 (Part-5)
3	pH @ 25°C	-	7.11	6.5-8.5	No relaxation	IS:3025 (Part-11) [DL- 2]
4	Taste	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL	1	5	IS 3025 (Part-10) (DL- 1 NTU)
6	Chloride as Cl	mg/l	32	250	1000	IS: 3025 (Part-32) [DL- 1 mg/l]
7	Iron as Fe.	mg/l	0.15	1.0	No relaxation	USEPA 3015A [DL- 0.001 mg/l]
8	Total hardness as CaCO <sub>3</sub>	mg/l	276	200	600	IS :3025 (Part-21) [DL- 1 mg/l]

### II-Biological Testing

#### 1. Water (Ground Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Total coliform	Present or Absent/100 ml	Absent	Absent	-	IS:15185
2	E.coli.	Present or Absent/100	Absent	Absent	-	IS:15185

Lata Thakur

Authorized Signatory-Biological

Umesh Kumar

Authorized Signatory-Chemical



TC-11818

<b>ULR No. :</b> NA		<b>Test Report No. :</b> RWAM301023RE001	
<b>Type of Sample :</b> Water (Ground Water)		<b>Date of Reporting :</b> 04/11/2023	
2		ml	

Remarks : NA

**OTHER INFORMATION**

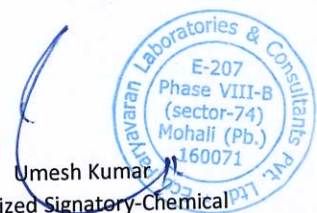
**Abbreviation :** ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

**Terms & Conditions :** Please refer terms and conditions on backside of Test Report (Page-1)

**\*\*End of Report\*\***

  
Lata Thakur

Authorized Signatory-Biological



Umesh Kumar

Authorized Signatory-Chemical



## TEST REPORT

ULR No. : NA		Test Report No. : RSOM301023RE002	
Type of Sample : Soil.		Date of Reporting : 04/11/2023	
Customer	Group Housing Project "Trishla City" By M/s. Trishla Builders & Developers Located at Zirakpur, Distt. S.A.S Nagar (Mohali) Punjab	Work Order No. & Date	Work Order DT:21.10.2023
		Customer reference No. (If any)	NA
Sampling Protocol	USEPA/600/R-92/128	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	30/10/2023	Date of Receipt of Sample	30/10/2023
Sampling Location	Park Near Club House (Project Site)	Testing Location	Permanent Facility
Testing Protocol	IS Method	Period of Analysis	30/10/2023 To 04/11/2023
Sample Description	Brown coloured soil.		
Packing, Markings, Seal & Qty.	10 Kg Poly Bag Marked S/30/01		

## RESULTS

### I. Chemical Testing

#### 1. Pollution & Environment (Soil)

S.No.	Test Parameter	Unit	Result	Test Method
1	pH	--	8.27	IS:2720 (Part-26) Cl-2, [DL- 2]
2	Conductivity	mmhos/cm	0.368	IS:14767 [DL- 0.1 mmhos/cm]
3	Moisture Content	%	8.6	IS:2720 (Part-II) Sec-1 [DL- 0.1 %]
4	Organic Matter	%	2.14	IS: 2720 (Part XXII) Sec-1, [DL- 0.1 %]
5	Texture	--	Sandy clay loam	IS:2720 (Part-4) Cl 2,4
6	Bulk Density	gm/cc	1.53	IS: 2720 (Part-7) [DL- 1 gm/cc]

Remarks : NA

### OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*



Authorized Signatory-Chemical



## TEST REPORT

ULR No. : NA		Test Report No. : RAIM311023RE001	
Type of Sample : Ambient Air Quality		Date of Reporting : 04/11/2023	
Customer	Group Housing Project "Trishla City" By M/s. Trishla Builders & Developers Located at Zirakpur, Distt. S.A.S Nagar (Mohali) Punjab	Work Order No. & Date	Work Order DT:21.10.2023
		Customer reference No. (If any)	NA
Sampling Protocol	IS:5182 and CPCB Air Manual Volume-I (NAAQMS/36/2012-13) / CPCBNAAQS-2009	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	30/10/2023	Date of Receipt of Sample	31/10/2023
Sampling Location	Project Site (Near Main Gate)	Period of Analysis	31/10/2023 To 04/11/2023
Testing Protocol	IS:5182 and CPCB Air Manual Volume-I (NAAQMS/36/2012-13) / CPCBNAAQS-2009	Environmental Conditions	Clear sky
Testing Location	On Site & Permanent Facility		

## RESULTS

### I-Chemical Testing

#### 1. Atmospheric Pollution (Ambient Air)

S.No.	Test Parameter	Unit	Result	Standard	Method
1	Respirable Suspended Particulate Matter (as PM10)	µg/m <sup>3</sup>	89	100	IS: 5182 (Part-23)
2	Particulate Matter (as PM2.5)	µg/m <sup>3</sup>	52	60	Lab SOP: EL/SOP/AAQ/01, Issue No. 03, Jan 01
3	Sulphur Dioxide (as SO <sub>2</sub> )	µg/m <sup>3</sup>	10	80	IS: 5182 (Part-2)
4	Nitrogen Dioxide (as NO <sub>2</sub> )	µg/m <sup>3</sup>	25	80	IS: 5182 (Part-6)
5	Ammonia (as NH <sub>3</sub> )	µg/m <sup>3</sup>	20	400	Lab SOP: EL/SOP/AAQ/02, Issue No. -03, Jan 01
6	Ozone (as O <sub>3</sub> )	µg/m <sup>3</sup>	27	180	IS: 5182 (Part-9)
7	Carbon Monoxide (as CO),	mg/m <sup>3</sup>	0.63	04	IS: 5182 (Part-10), NDIR Method

Remarks : NA

### OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*



Umesh Kumar

Authorized Signatory-Chemical





## TEST REPORT

<b>ULR No. :</b> NA		<b>Test Report No. :</b> RNUM311023RE002	
<b>Type of Sample :</b> Ambient Noise		<b>Date of Reporting :</b> 04/11/2023	
<b>Customer</b>	Group Housing Project "Trishla City" By M/s. Trishla Builders & Developers Located at Zirakpur, Distt. S.A.S Nagar (Mohali) Punjab	<b>Work Order No. &amp; Date</b>	Work Order DT:21.10.2023
		<b>Customer reference No. (If any)</b>	NA
<b>Sampling Protocol</b>	IS 9989-1989, RA 2008.	<b>Mode of Collection of Sample</b>	Sampling by laboratory
<b>Date of Sampling</b>	30/10/2023	<b>Date of Receipt of Sample</b>	31/10/2023
<b>Sampling Location</b>	Project Site Near Main Gate	<b>Period of Analysis</b>	31/10/2023 To 31/10/2023
<b>Testing Protocol</b>	IS 9989-1989, RA 2008.		
<b>Testing Location</b>	On Site & Permanent Facility		

## RESULTS

### I- Chemical Testing

#### 1. Atmospheric Pollution (Ambient Noise Level)

S.No.	Test Parameters	Units	Results	Method
1	Ambient Day Time Noise Levels	dB(A)	52.1	LAB SOP: EL/SOP/AN/01, Issue No.-04, Nov 10

#### Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits in dB(A) Leq*	
		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

Day time shall mean from 6.00 a.m. to 10.00 p.m., Night time shall mean from 10.00 p.m. to 6.00 a.m., Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority, Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

\*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale 'A' which is relatable to human hearing

Remarks : NA



### OTHER INFORMATION

**Abbreviation :** ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

**Terms & Conditions :** Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*

Umesh Kumar  
Authorized Signatory-Chemical

(18)

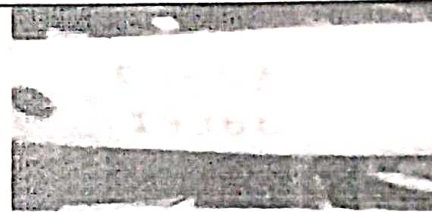
**Pollution Under Control Certificate**Authorised By  
Government of Punjab

Date : 21/10/2023  
 Time : 12:30:08 PM  
 Validity upto : 20/04/2024



Certificate SL No. : PB06500760005194  
 Registration No. : PB65AX9366  
 Date of Registration : 17/Mar/2020  
 Month & Year of Manufacturing : February-2020  
 Valid Mobile Number : \*\*\*\*\*3829  
 Emission Norms : BHARAT STAGE IV  
 Fuel : DIESEL  
 PUC Code : PB0650076  
 GSTIN :  
 Fees : Rs.100.00  
 (GST to be paid extra as applicable)  
 MIL observation : No

Vehicle Photo with Registration plate  
 60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.55

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note: 1 Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://punjab.gov.in>

Authorised Signature with stamp of PUC operator  
 60mm x 20 mm

POLLUTION CHECK CENTRE

**Pollution Under Control Certificate**

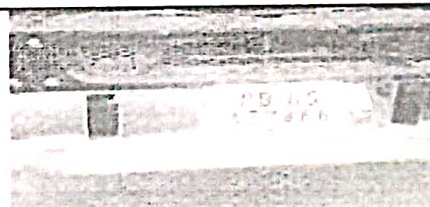
Authorised By :  
Government of Punjab

Date : 21/10/2023  
Time : 15:04:34 PM  
Validity upto : 20/04/2024



Certificate SL. No. : PB06500760005205  
Registration No : PB65AZ7466  
Date of Registration : 04/Mar/2021  
Month & Year of Manufacturing : January-2021  
Valid Mobile Number : \*\*\*\*\*3829  
Emission Norms : BHARAT STAGE VI  
Fuel : DIESEL  
PUC Code : PB0650076  
GSTIN :  
Fees : Rs.100.00  
(GST to be paid extra as applicable)  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
Smoke Density	Lambda	-	1 ± 0.03	
	Light absorption coefficient	1/metre	0.7	0.58

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parvahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm

POLLUTION CHECK CENTRE

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By  
Government of Punjab

**Date** : 21/10/2023  
**Time** : 12:14:27 PM  
**Validity upto** : 20/04/2024



Certificate St. No : PB06500760005191  
Registration No : PB65V1766  
Date of Registration : 13/Apr/2013  
Month & Year of Manufacturing : February-2013  
Valid Mobile Number : \*\*\*\*\*4712  
Emission Norms : BHARAT STAGE III/IV  
Fuel : DIESEL  
PUC Code : PB0650076  
GSTIN :  
Fees : Rs.100.00  
(GST to be paid extra as applicable)  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.58

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note 1 Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm

POLLUTION CONTROL BOARD

[See rules 115 (2)]

**Pollution Under Control Certificate**

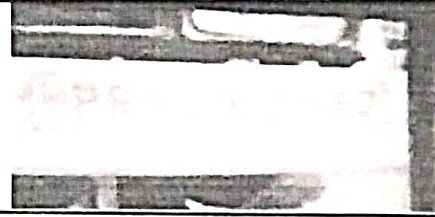
Authorised By  
Government of Punjab

Date : 21/10/2023  
Time : 12:58:22 PM  
Validity upto : 20/04/2024



Certificate SL No : PB06500760005202  
Registration No. : PB65K2962  
Date of Registration : 26/Feb/2010  
Month & Year of Manufacturing : January-2010  
Valid Mobile Number : \*\*\*\*\*3829  
Emission Norms : BHARAT STAGE III/IV  
Fuel : DIESEL  
PUC Code : PB0650076  
GSTIN :  
Fees : Rs.100.00  
(GST to be paid extra as applicable)  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.58

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Note 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm

POLLUTION CHECK CENTRE

[See rules 115 (2)]

**Pollution Under Control Certificate**

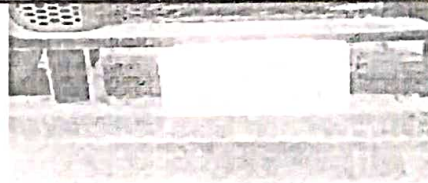
Authorised By  
Government of Punjab

Date : 22/10/2023  
Time : 14:00:35 PM  
Validity upto : 21/04/2024



Certificate SL No : PB06500760005212  
Registration No : PB65AZ7366  
Date of Registration : 04/Mar/2021  
Month & Year of Manufacturing : February-2021  
Valid Mobile Number : \*\*\*\*\*4681  
Emission Norms : BHARAT STAGE VI  
Fuel : DIESEL  
PUC Code : PB0650076  
GSTIN :  
Fees : Rs.100.00  
(GST to be paid extra as applicable)  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	0.7	0.59

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Note 1 Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm

**POLLUTION CHECK CENTRE**



"Pro Active and Responsive facilitation by Interactive, Virtuous and Environmental Singlewindow Hub"

Home Environment Clearance Only CRZ Clearance Forest Clearance Wildlife Reference

Please do not enter any special charater like < > : " / \ | ? \* etc. in the form fields

### Form for Uploading Compliance Report

<b>Proposal No.:</b>	<input type="text" value="IA/PB/MIS/185437/2012"/>	<b>Proposal Name:</b>	<input type="text" value="Group housing project namely 'Trishla City' at Village Nabha"/>
<b>Category:</b>	<input type="text" value="INFRA-2"/>	<b>MoEF File No.:</b>	<input type="text" value="F. No. 21-101/2020-IA.III"/>

Compliance Letter/Report

Year of Compliance:

Date of Compliance \*:

Remarks:

Upload Compliance Letter/Report \*:  No file chosen (.pdf only)

Sno.	Proposal No.	Uploaded copy of Compliance report	Remarks	Uploaded Date	Delete
1	IA/PB/MIS/185437/2012	0601202157335060TrishlaCity.pdf	Six monthly compliance report for period ending 31.03.2021 is enclosed	01/06/2021	<input type="button" value="X"/>
2	IA/PB/MIS/185437/2012	1201202182504647TrishlaCity.pdf	Six monthly compliance report for period ending 30.09.2021 is enclosed	01/12/2021	<input type="button" value="X"/>
3	IA/PB/MIS/185437/2012	0528202294935210trishla.pdf	Six monthly compliance report for period ending 31.03.2022 is enclosed	28/05/2022	<input type="button" value="X"/>
4	IA/PB/MIS/185437/2012	0601202322233722TrishlaCity.pdf	Six monthly compliance report for period ending 30.09.2022 is enclosed.	01/06/2023	<input type="button" value="X"/>
5	IA/PB/MIS/185437/2012	0601202379836759TrishlaCity_.pdf	Six monthly compliance report for period ending 31.03.2023 is enclosed	01/06/2023	<input type="button" value="X"/>


## Submission of Six Monthly Compliance report for period ending 31.03.2023 for Group Housing project namely "Trishla City"

Suresh Sharma <sureshsharma@trishlagroup.in>

Fri 5/26/2023 7:35 PM

To: ecompliance-nro@gov.in <ecompliance-nro@gov.in>; ronz.chd-mef@nic.in <ronz.chd-mef@nic.in>

Cc: seiaapb2017@gmail.com <seiaapb2017@gmail.com>; eenodal@yahoo.in <eenodal@yahoo.in>; mdtrishla66@gmail.com <mdtrishla66@gmail.com>

 1 attachments (13 MB)

Six Monthly Compliance period ending 31.03.2023\_Trishla City\_compressed (1).pdf;

Respected Sir,

Greetings for the day!!!

We are hereby submitting the six monthly compliance report for the period ending 31.03.2023 for our Group Housing project namely "Trishla City" located at Village Nabha Sahib, Zirakpur, Distt. SAS Nagar (Mohali), Punjab.

Kindly acknowledge the receipt of the same.

Regards

**M/s Trishla Buildtech Pvt. Ltd.**

Suresh Kumar Sharma

Contact:- 8195960555



**TRISHLA**

Est. 1992

Trishla BuildTech Pvt. Ltd.

ENVIRONMENTAL MANAGEMENT CELL OF "TRSHLA CTY"

(High Ground Road, Zirakpur, District SAS Nagar (Mohali))

Mr. Harish Gupta

Managing Director

(Chairman Environmental Management Cell)



Mr. Sandeep Garg

Environmental Consultants



Mr. Suresh Kumar

Admin-Co-ordination



Mr. Ravinder Singh

(Maintenance Manager)



Mr. Anil Sharma

(Operation Head)



Kulwinder Singh

TCRWA President

**PHOTOGRAPHS OF CSR ACTIVITIES**

**(School Building)**



(MEDICAL CAMP)









## त्रिशला ग्रुप ने जगतपुरा में खोला निशुल्क शिक्षा केंद्र



चंडीगढ़। गांव जगतपुरा में गरीब बच्चों को निशुल्क शिक्षा प्रदान करने के लिए त्रिशला हाउसिंग ग्रुप जीरकपुर द्वारा केंद्र खोला गया। ग्रुप के एमडी हरीश गुप्ता ने कहा कि कंपनी द्वारा समाज के अंदर फैली बुराइयों को खत्म करने के लिए सामाजिक कार्य किए जाते रहते हैं, जिसके चलते गांव जगतपुरा में गरीब बच्चों को शिक्षित करने के लिए केंद्र खोला गया है। उन्होंने कहा कि यहां गरीब बच्चों को शिक्षा के लिए कोई पैसा नहीं चुकाना होगा, बल्कि पढ़लिखकर बच्चे अपने अभिभावकों और गांव का नाम रोशन करेंगे। उन्होंने कहा कि मेरा सपना है कि देश का कोई नागरिक अशिक्षित न हों, बल्कि हर कोई पढ़लिखकर देश की तरक्की में अपना योगदान दें।







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