



# PUNJAB CRICKET ASSOCIATION

(Affiliated to the Board of Control for Cricket in India)

Date: 23-11-2024

To,

The Director,  
Govt. of India, MOEF&CC,  
Northern Regional Office,  
Bays No. 24-25, Sector-31, Chandigarh- 160030.

**Subject: Half yearly Compliance Report for the development of International Cricket Stadium cum Sports Complex namely "New International Cricket Stadium" by "Punjab Cricket Association" at Village Tira, Near Mullanpur, New Chandigarh, District SAS Nagar, Punjab. For the monitoring period ending September, 2024.**

Sir,


This is in reference to the requirement stated in Environmental Clearance granted by the State Level Environment Impact Assessment Authority, Punjab Ministry of Environment Forests & Climate Change, Government of India New Delhi O/o Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road Patiala vide No. SEIAA/2016/3413 Dated 27/09/2016.

As per common condition no. x for all three phases of the Environment Clearance for our aforesaid project, we are herewith submitting the half yearly report for the period ending September, 2024 along with analysis reports of Ambient Air, Ground Water and Noise monitoring.

#### CONTACT DETAILS:

Mr. Vineet Talwar (Project Director)  
Telephone -0172232300  
Email - Pcanewstadium@gmail.com

Thanking you,

  
Yours Sincerely,  
Punjab Cricket Association.

(Authorized Signatory)

1. **CC: Member Secretary**, SEIAA Punjab, Ministry of Environment Impact Assessment & Climate change, Govt. of India, PBTI Complex, Knowledge City, Sector-81, Mohali-140306.
2. **The Environmental Engineer**, Punjab Pollution Control Board, Regional office, Mohali, Punjab.

**Ministry of Environment, Forest and Climate Change**  
**Northern Region Office**  
**Chandiagr-160030**

**DATA SHEET**

1	Project Type	International Cricket Stadium
2	Name of Project	I.S. Bindra Cricket Stadium By M/s PCA
3	Clearance letter No.	SEIAA/2016/3413 Dated: 27/09/2016
4	Location: a) District (S) b) State (S) c) Latitudes d) Longitudes	SAS Nagar Punjab 30°46'46.24"N 76°43'20.37"E
5	Address for Correspondence	Sh. Vineet Talwar Designation: Project Director I.S. Bindra Cricket Stadium, Village Tira, Tehsil Kharar, District SAS Nagar, Punjab Mobile No.- 98038-54504
6	Salient features: a) of project          b) EMP	M/s Punjab Cricket Association (PCA) proposed to develop a new International Cricket Stadium cum Sports Complex namely "I.S. Bindra Cricket Stadium" at village Tira, Tehsil Karar, District SAS Nagar, Punjab.  The Total plot of the project area is 1,54,589.91 Sqm. and the total built-up area is 65,789.55 sqm. The total project cost of the project will be Rs. 300 Crore.  During construction phase: Capital Cost 405.0 Lacs & Recuring 3.0 Lacs During Operation Phase Rs. 32.0 Lacs/Annum
7	Breakup of project Area a) Submerged area forest & non forest. b) Others	NIL 1,54,589.91 sq.m.
8	Breakup of project affected population with enumeration of those losing houses/dwelling units only, agriculture land only both dwelling units and agriculture land and landless laborers/artisans a) SC/ST/Adivasis b) others	NA --

9	<p>Financial details</p> <p>a) Project cost as originally planned and subsequent revised estimates and the year of price rat reference.</p> <p>b) Allocation made for environmental management plans with item wise and year wise breakup.</p> <p>c) Benefit cost ratio/internal rate of return and year of assessment.</p> <p>d) Whether (c) includes the cost of environmental management as shown in b) above.</p> <p>e) Actual expenditure incurred on the project so far.</p> <p>f) Actual expenditure incurred on the EMP so far</p>	<p>300 Crore</p> <p>405.00 Lakh</p> <p>--</p> <p>Yes</p> <p>244.43 Crore</p> <p>300.00 Lakh</p>
10	<p>Forest land requirement:</p> <p>a) The status of approval for diversion of forest land for non –forestry use.</p> <p>b) Status of clear felling</p> <p>c) The status of compensatory a forestation, if any.</p> <p>d) Comments on the viability &amp; sustainability of compensatory a forestation programs in the light of actual field experience so far.</p>	<p>NA</p> <p>NA</p> <p>NIL</p> <p>NIL</p>
11	The status of clear felling in non-forest areas.	NIL
12	<p>Status of construction:</p> <p>a) Date of commencement</p> <p>b) Date of completion.</p>	<p>Partial construction phase has been completed.</p> <p>April 2017</p> <p>February 2024</p>
13	Reason for delay if any the projects yet to start.	NA

## COMPLIANCE REPORT OF STIPULATED EC CONDITIONS

### PRE-CONSTRUCTION PHASE

S. No.	EC Condition	Compliance Status as on 30.09.2024
<b>Part-A Common Conditions</b>		
<b>i.</b>	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.	Noted & agreed
<b>ii.</b>	A first aid room will be provided in the project both during construction and operation phase of the project.	Complied: First aid room has been provided at construction site and will also provide during operation phase Photographs of the same enclosed herewith as <b>Annexure-V.</b>
<b>iii.</b>	Construction of the STP, solid waste, e-waste, hazardous waste, storage facilities tube-well, DG Sets, Utilities etc., earmarked by the project proponent on the layout plan, should be made in the earmarked area only. In any case the position/location of these utilities should not be changed later-on.	STP having capacity 100 KLD already installed and operational. Beside this, two collection tanks provided for the storage of excess effluent during event days.
<b>iv.</b>	The environmental safeguards contained in the application of the promoter/ mentioned during the presentation before State Level Environment Impact Assessment Authority/State Expert Appraisal Committee should be implemented in letter and spirit.	Agreed & complied.
<b>v.</b>	The project proponent is required to obtain prior Forest & Wildlife clearance under Wildlife Protection Act, 1972 from NBWL as the project site falls within the 10KM radius from Sector 21, Bird Sanctuary, Chandigarh. The grant of environmental clearance does not necessarily implies that forestry and wildlife clearance be granted to the project and that their proposals for forestry and wild life clearance will be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any, based on environmental clearance so granted, in anticipation of the clearance from forestry and wildlife angle shall be entirely at the cost and risk of the project proponent and Ministry of Environment and Forests shall not be responsible in this regard in any manner	NOC already obtained from NBWL. Copy of same enclosed as <b>Annexure-II.</b>

vi.	Ambient air & noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the Ministry of Environment, Forests & Climate Change guidelines and all the mitigation measures should be taken to bring down the levels within the prescribed standards.	Complied: Latest analysis report of ambient air & noise reports conforms to permissible standards enclosed herewith as <b>Annexure-IX</b> .
vii.	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	Noted & agreed. All statutory clearances are being obtained as and when required.
viii.	The State Environment Impact Assessment Authority, Punjab reserves the right to add additional safeguards/ measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguards/ measures in a time bound and satisfactory manner.	Agreed. Implementation of environmental safeguards will be given to statutory bodies during their inspection at project site.
ix.	A proper record showing compliance of all the conditions of environmental clearance shall be maintained and made available at site at all the times.	Complied. Proper record has been maintained.
x.	The project proponent shall also submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms & conditions including results of monitored data (both in hard & soft copies) to the respective Regional office of MoEF, the Zonal Office of CPCB, the SPCB and SEIAA, Punjab on 1st June and 1st December of each calendar year.	Six-monthly compliance report of stipulated environmental conditions has been submitted to the respective Regional office of MoEF, the Zonal Office of CPCB, the SPCB and SEIAA, Punjab on regular basis.
xi.	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	Agreed. Full cooperation, facilities and data for the implementation of environmental safeguards will be given to statutory bodies during their inspection at

	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 APCCF, Regional Office of Ministry of Environment & Forests, Chandigarh.	project site.
<b>xii.</b>	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority, Punjab.	Noted & Agreed.
<b>xiii.</b>	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	Noted and obey the order of Hon'ble Supreme Court of India if applicable.
<b>xiv.</b>	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&CC, SEIAA, Punjab the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels for all the parameters of NAAQM standards shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Complied: Copy of EC along with latest six-monthly compliance report already uploaded on the company website. Link of the same provided below: <a href="https://cricketpunjab.in/permission-clearance.php">https://cricketpunjab.in/permission-clearance.php</a>
<b>xv.</b>	The inlet and outlet point of natural drain system should be maintained with adequate size of channel for ensuring unrestricted flow of water.	Agreed & Complied.
<b>xvi.</b>	The unpaved area shall be more than or equal to 20% of the recreational open spaces.	Agreed
<b>xvii.</b>	The project proponent shall comply with the provisions of construction and demolition waste rules, 2016.	Noted & Agreed.
<b>xviii.</b>	The project proponent shall strictly adhere to and implement traffic management plan including parking and other transportation arrangements as proposed especially during event days.	Noted & Agreed.
<b>Part-B SPECIFIC CONDITIONS</b>		
<b>I. Pre-Construction Phase</b>		
<b>i.</b>	"Consent to establish" shall be obtained from Punjab Pollution Control Board under Air	Complied: The unit has already obtained consent

	(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.	to establishment extension & Consent to Operate from Punjab State Pollution Control Board under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974. Copy of the same enclosed as <b>Annexure-IX &amp; X</b> .
<b>ii.</b>	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Complied. Required sanitary and hygienic facilities provided.
<b>iii.</b>	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.	Noted & agreed.
<b>iv.</b>	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.	Complied Housing and domestic facility have been provided to the laborers during the construction phase. First-aid room already provided for the regular checkup of workers. Photographs of facility enclosed as <b>Annexure-VI</b> .
<b>II. Construction Phase:</b>		
<b>i.</b>	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Agreed & complied. The topsoil excavated during construction activities was used in landscape development and horticulture development within the project.
<b>ii.</b>	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed-off after taking the necessary precautions for general safety and health aspects of people with the approval of competent authority. The project proponent will comply with the provisions of Construction & Demolition Waste Rules, 2016. Dust, smoke & debris prevention measures such as wheel washing, screens, barricading and debris chute shall be installed at the site during construction including plastic/ tarpaulin sheet covers for trucks bringing in sand & material at the site.	Noted & agreed. During construction phase regular sprinkling of water has been done to suppress the dust emission.
<b>iii.</b>	Construction spoils, including bituminous material and other hazardous material, must	Noted & agreed. Recyclable construction materials like

	not be allowed to contaminate watercourses. The dump sites for such material must be secured, so that they should not leach into the groundwater.	cement bags etc. are disposed-off through authorized recyclers as per applicable Rules & norms.
<b>iv.</b>	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 emission standards.	Agreed and being complying. Only PUC certified vehicles are engaged in construction.
<b>v.</b>	The project proponent shall use only treated sewage/wastewater for construction activities and no fresh water for this purpose will be used. A proper record in this regard should be maintained and available at site.	GMADA has already allowed the supply of treated water from Sector-83 and Kurali (copy attached as <b>Annexure-III</b> ) and treated water is used at site for construction.
<b>vi.</b>	Fly-ash based construction material should be used in the construction as per the provisions of Fly Ash Notification of September, 1999 and as amended on August, 2003 and notification No. S.O. 2804 (E) dated 03.11.2009.	Fly-ash based concrete blocks are used for the construction.
<b>vii.</b>	Water demand during construction should be reduced by use of ready mixed concrete, curing agents and other best practices.	Agreed. Curing agents used during construction phase.
<b>viii.</b>	Adequate treatment facility for drinking water shall be provided, if required.	Noted & Agreed.
<b>ix.</b>	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.	Noted & Agreed. Separate electromagnetic flow transmitter already installed and record of the same being maintained at project site.
<b>x.</b>	The project proponent will provide dual plumbing system for reuse of treated wastewater for flushing/ HVAC purposes etc. and colour coding of different pipe lines carrying water/wastewater/ treated wastewater as follows: a. Fresh water: Blue b. Untreated wastewater: Black c. Treated wastewater: Green (for reuse) d. Treated wastewater: Yellow (for discharge) e. Storm water: Orange	Noted & Agreed.
<b>xi.</b>	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.	Noted & agreed. Low flow plumbing fixtures have been used.
<b>xii.</b>	Separation of drinking water supply and treated sewage supply should be done by the use of different colors.	Noted & agreed.



<b>xiii.</b>	(a) 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 and National Building Code, 2005 on Energy conservation. (b) Solar power plant by utilizing at least 30% of the open roof top area in the premises shall be installed for utilizing maximum solar energy. Also, solar lights shall be provided as proposed for illumination of common areas.	Agreed & complied. All the suitable energy efficient measures are taken i.e., use of CFL lights, LED lights and Solar lights etc. has been provided.
<b>xiv.</b>	The diesel generator sets to be used during construction phase should conform to the provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986.	Agreed & complied. Low Sulphur diesel is being used for running DG set at site. DG set during construction is provided with acoustic enclosure with proper stack height as per CPCB norms. However, regular monitoring of the DG set is done to check on the air and noise emissions standards as per the Environment Act, 1986
<b>xv.</b>	Separate wet & dry bins at ground level and for common areas for facilitating segregation of waste, collection center and mechanical composter (with a minimum capacity of 0.3kg/tenement/day) shall be provided for proper collection, handling, storage, segregation, treatment and disposal of solid waste. The project proponent shall comply with the provisions of Municipal Solid Waste (Management and Handling) Rules, 2016.	Separate bins already provided for the segregation of waste and mechanical composter of an adequate capacity already installed & operational.
<b>xvi.</b>	A rainwater harvesting plan shall be designed where the re-charge bores (minimum one per 5000 sqm of built-up area) shall be provided. Recharging wells for roof top run-off shall have provision of adequate treatment for removing suspended matter etc. before recharging as per the CGWA guidelines. Run-off from areas other than roof top such as green areas and roads/pavement etc. may also be recharged but only after providing adequate treatment to remove suspended matter, oil & grease etc. and ensuring that rainwater being recharged from these areas is not contaminated with pesticides, insecticides, chemical fertilizer etc.	Total 14 nos. of rain water harvesting pits has been already provided for the recharge of ground water.
<b>xvii.</b>	Green belt of adequate width as proposed shall be provided so as to achieve attenuation factor conforming to the day & night standards prescribed for residential land use. The open spaces inside the plot should be suitably	Various plant of different local species has been planted along the periphery of the plot.

	landscaped and covered with vegetation of indigenous species/variety. A minimum of one tree for every 80 sqm of land shall be planted and maintained. The existing trees may be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of three trees for every one tree that is cut) shall be done with the obligation to continue maintenance.	
<b>PART-C GENERAL CONDITIONS</b>		
<b>i</b>	This environmental clearance will be valid for a period of seven years from the date of its issue or till the completion of the project, whichever is earlier.	Noted & agreed.
<b>ii</b>	The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Punjab Pollution Control Board. The advertisement should be made within seven days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office, Ministry of Environment & Forests, Chandigarh and SEIAA, Punjab.	Complied.
<b>iii</b>	The project proponent shall obtain permission from the CGWA for abstraction of groundwater & digging of bore well(s) and shall not abstract any groundwater without prior written permission of the CGWA, even if any bore well(s) exist at site.	PWRDA ground water permission already obtained as per PWRDA Directions 2023.
<b>iv</b>	The project proponent shall comply with the conditions imposed in the CLU obtained vide memo no. 7075 CTP (Pb) SP 432 (M) dated 04.02.2014 and 1149 CTP (PB)/SP-432-(M) dated 04.03.2016.	Agreed & complying
<b>v</b>	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.	Complied

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EC



**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY PUNJAB**  
**Ministry of Environment, Forest & Climate Change, New Delhi**

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

No. SEIAA/2016/3413

REGISTERED

Date: 27.09.2016

To

Sh. B.K. Bassi, Project Director,  
 I.S. Bindra Cricket Stadium,  
 Phase-IX, Sector-63  
 SAS Nagar (Mohali)-140901

**Subject: Environmental clearance under EIA notification dated 14.09.2006 for the development of International Cricket Stadium cum Sports Complex namely "IS Bindra Cricket Stadium" at Village Tira, Tehsil Kharar, District SAS Nagar, Punjab by M/s Punjab Cricket Association (Proposal no. SIA/PB/NCP/53359/ 2016)**

This has reference to your application for obtaining Environmental Clearance under EIA notification dated 14.09.2006 for the development of International Cricket Stadium cum Sports Complex namely "IS Bindra Cricket Stadium" at Village Tira, Tehsil Kharar, District SAS Nagar, Punjab 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 development of International Cricket Stadium cum Sports Complex namely "IS Bindra Cricket Stadium" at Village Tira, Tehsil Kharar, District SAS Nagar, Punjab. The total plot area of the project is 1, 54,589.91sqm and the total built up area of the Project is 65789.55 sqm. The project comprises of International Cricket Stadium cum Sports Complex. The project proponent submitted change of land use granted by Chief Town Planner, Punjab vide memo no. 7075 CTP (Pb) SP 432 (M) dated 04.02.2014

and 1149 CTP (PB)/SP-432-(M) dated 04.03.2016. The total cost of the project is 300 crores.

The total water requirement for the project will be 390 KLD during event days & 50 KLD during other days, which will be met through existing tubewell. The total wastewater generation from the project will be 300 KLD during event day (to be stored in 02 storage tanks of 200 KLD each before treatment) & 48.8 KLD during other days, which will be treated in a STP of capacity 100 KLD to be installed within the project premises. The project proponent has proposed to use 2.8 KLD of treated wastewater for flushing, gardening purpose and remaining 21 KLD for irrigation purpose in summer season. In winter season, 2.8 KLD of treated wastewater will be used for flushing, 15 KLD gardening purpose and remaining 31 KLD for irrigation purpose. In rainy season, 2.8 KLD of treated wastewater will be used for flushing, 05 KLD gardening purpose and remaining 41 KLD for irrigation purpose.

The total quantity of solid waste generation will be 3.86 ton/day during match days and 36 kg/day during other days. Solid wastes generated will be segregated into biodegradable (waste vegetables, foods etc.) and Recyclable (papers, cartons, thermacol, plastics, glass etc.) components and collected in separate bins. The disposal of biodegradable organic wastes will be done through vermin-composting. Recyclable waste will be sold to authorized vendors

The total load of electricity required for project will be 2.89 MW which will be taken from the PSPCL. There is a proposal to install silent 5 DG Sets of capacity @ 400 KVA each as stand-by arrangement. The project proponent has also proposed to provide 1326 KW solar power generation plant.

The project proponent has also proposed to provide rainwater recharging pits to recharge the rain water. Used oil @500 ltr/annum to be generated from the DG sets will be managed & handled as per the provisions of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008.

During construction & operation phase, Project Director will be responsible for implementation of EMP and CSR and after completion of the project, PCA management will be responsible for the same. During construction phase, Rs. 405 Lacs will be incurred on account of capital cost for implementation of EMP and

Rs. 3.0 Lacs per annum on account of recurring charges. During operation phase, minimum Rs. 32 Lacs/per annum will be incurred on account of recurring charges. The project proponent has also proposed to spend Rs.10 lacs towards CSR activities as in addition to the amount to be spent under the provisions of the Companies Act 1956.

The case was considered by the SEAC in its 147<sup>th</sup> meeting held on 30.06.2016, 148<sup>th</sup> meeting held on 19.07.2016 and lastly 149<sup>th</sup> meeting held on 29.08.2016 wherein, the Committee awarded 'Silver Grading' to the project proposal and decided that case be forwarded to the SEIAA with the recommendations to grant environmental clearance to the project proponent subject to certain conditions in addition to the proposed measures.

Thereafter, the case was considered by the SEIAA in its 115<sup>th</sup> meeting held on 23.09.2016, wherein, the Authority noted that the case stands recommended by SEAC and the Committee awarded '**Silver Grading**' to the project proposal. Therefore, the Authority decided to grant environmental clearance to the project proponent proponent for the development of International Cricket Stadium cum Sports Complex namely "IS Bindra Cricket Stadium" in an area of 54,589.91 sqm & having total built up area of the Project as 65789.55 sqm at Village Tira, Tehsil Kharar, District SAS Nagar, Punjab, subject to the conditions as proposed by the SEAC in addition to the proposed measures. Accordingly, SEIAA, Punjab hereby accords necessary environmental clearance for the above project under the provisions of EIA Notification dated 14.09.2006 and its subsequent amendments, subject to the following conditions in addition to the proposed measures:

**PART-A – Conditions common for all the three phases i.e. Pre-Construction Phase, Construction Phase and Operation Phase & Entire Life:**

- (i) 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.
- (ii) A first aid room will be provided in the project both during construction and operation phase of the project.
- (iii) Construction of the STP, solid waste, e-waste, hazardous waste, storage facilities tubewell, DG Sets, Utilities etc, earmarked by the project proponent on the layout plan, should be made in the earmarked area only. In any case the position/location of these utilities should not be changed later-on.

- (iv) 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.
- (v) The project proponent is required to obtain prior Forest & Wildlife clearance under Wildlife Protection Act, 1972 from NBWL as the project site falls within the 10KM radius from Sector 21, Bird Sanctuary, Chandigarh. The grant of environmental clearance does not necessarily implies that forestry and wildlife clearance be granted to the project and that their proposals for forestry and wild life clearance will be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any, based on environmental clearance so granted, in anticipation of the clearance from forestry and wildlife angle shall be entirely at the cost and risk of the project proponent and Ministry of Environment and Forests shall not be responsible in this regard in any manner
- (vi) Ambient air & noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the Ministry of Environment, Forests & Climate Change guidelines and all the mitigation measures should be taken to bring down the levels within the prescribed standards.
- (vii) 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.
- (viii) The State Environment Impact Assessment Authority, Punjab reserves the right to add additional safeguards/ measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguards/ measures in a time bound and satisfactory manner.
- (ix) A proper record showing compliance of all the conditions of environmental clearance shall be maintained and made available at site at all the times.
- (x) The project proponent shall also submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms & conditions including results of monitored data (both in hard & soft copies) to the respective Regional office of MoEF , the Zonal Office of CPCB, the SPCB and SEIAA, Punjab on 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year.
- (xi) 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 APCCF, Regional Office of Ministry of Environment & Forests, Chandigarh.

- (xii) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority, Punjab.
- (xiii) 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.
- (xiv) 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&CC, SEIAA, Punjab the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels for all the parameters of NAAQM standards shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- (xv) The inlet and outlet point of natural drain system should be maintained with adequate size of channel for ensuring unrestricted flow of water.
- (xvi) The unpaved area shall be more than or equal to 20% of the recreational open spaces.
- (xvii) The project proponent shall comply with the provisions of construction and demolition waste rules, 2016.
- (xviii) The project proponent shall strictly adhere to and implement traffic management plan including parking and other transportation arrangements as proposed especially during event days.

**PART-B – Specific Conditions:**

**I. Pre-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) 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.

- (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, 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. Construction Phase:**

- (i) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- (ii) Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off after taking the necessary precautions for general safety and health aspects of people with the approval of competent authority. The project proponent will comply with the provisions of Construction & Demolition Waste Rules, 2016. Dust, smoke & debris prevention measures such as wheel washing, screens, barricading and debris chute shall be installed at the site during construction including plastic / tarpaulin sheet covers for trucks bringing in sand & material at the site.
- (iii) Construction spoils, including bituminous material and other hazardous material, must not be allowed to contaminate watercourses. The dump sites for such material must be secured, so that they should not leach into the groundwater.
- (iv) 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 emission standards.
- (v) The project proponent shall use only treated sewage/wastewater for construction activities and no fresh water for this purpose will be used. A proper record in this regard should be maintained and available at site.
- (vi) Fly ash based construction material should be used in the construction as per the provisions of Fly Ash Notification of September, 1999 and as amended on August, 2003 and notification No. S.O. 2804 (E) dated 03.11.2009.
- (vii) Water demand during construction should be reduced by use of ready mixed concrete, curing agents and other best practices.
- (viii) Adequate treatment facility for drinking water shall be provided, if required.
- (ix) 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.



attenuation factor conforming to the day & night standards prescribed for residential land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. A minimum of one tree for every 80 sqm of land shall be planted and maintained. The existing trees may be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of three trees for every one tree that is cut) shall be done with the obligation to continue maintenance.

### III. Operation Phase and Entire Life

- i) "Consent to operate" shall be obtained from Punjab Pollution Control Board under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974 and a copy of the same shall be submitted to the Ministry of Environment & Forests / State Level Environment Impact Assessment Authority at the time of start of operation.
- ii) The total water requirement for the project will be 390 KLD during event days & 50 KLD during other days, which will be met through existing tubewell .
- iii) a) The total wastewater generation from the project will be 300 KLD during event day ( that will be stored in two storage tanks of 200 KLD each) & 48.8 KLD during other days , which will be treated in a STP of capacity 100 KLD ( considering 10 KLD as wet weather flow). As proposed, reuse of treated wastewater and discharge of surplus treated [wastewater@48.8](#) KLD shall be as below:

Season	Reuse for flushing (KLD)	For gardening purpose (KLD)	For irrigation purpose (KLD)
Summer	2.8	25	21
Winter	2.8	15	31
Rainy	2.8	5	41

- b) Storage tank of adequate capacity shall be provided for the storage of treated waste water and all efforts shall be made to supply the same for construction purposes. Only, the surplus treated wastewater shall be discharged onto land for plantation to be developed as per Karnal Technology after maintaining the proper record.
- iv) The project proponent shall ensure safe drinking water supply to the habitants.
- v) The wastewater generated from swimming pool(s) if provided shall not be discharged and the same shall be reused within the premises for purposes such as horticulture, HVAC etc.
- vi) A proper record regarding groundwater abstraction, water consumption, its reuse and disposal shall be maintained on daily basis and shall maintain a

record of readings of each such meter on daily basis.

- vii) Rainwater harvesting/recharging systems shall be operated and maintained properly as per CGWA guidelines.
- viii) The facilities provided for collection, segregation, handling, on site storage & processing of solid waste, wet & dry bins, collection centre & mechanical composter etc. shall be properly maintained. The collected solid waste shall be segregated at site. The recyclable solid waste shall be sold out to the authorized vendors for which a written tie-up must be done with the authorized recyclers. Organic waste shall be composted by mechanical composters with a minimum capacity of 0.3kg/tenement/day and the inert solid waste shall be sent to the concerned collection centre of integrated municipal solid waste management facility of the area. A proper record in this regard shall be maintained. The project proponent shall comply with the provisions of Municipal Solid Waste (Management and Handling) Rules, 2016.
- ix) Hazardous waste/E-waste should be disposed off as per Rules applicable and with the necessary approval of the Punjab Pollution Control Board.
- x) The project proponent shall strictly adhere to and implement the traffic management plan including parking and other transportation arrangements as proposed especially during event days.
- xi) 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.
- xii) Solar power plant and other solar energy related equipments shall be operated and maintained properly.
- xiii) A report on the energy conservation measures conforming to energy conservation norms 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.
- xv) The project proponent shall provide 2 Nos of storage tank of capacity 200 KLD each for storage of untreated trade effluent to be generated during event days and 2 Nos of storage tank of capacity 200 KLD each for storage of treated waste water to utilize the same effectively and efficiently onto land for plantation.

**PART C – General Conditions :**

**I. Pre-Construction Phase**

- i) This environmental clearance will be valid for a period of seven years from the date of its issue or till the completion of the project, whichever is earlier.
- ii) The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Punjab Pollution Control Board. The advertisement should be made within seven days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office, Ministry of Environment & Forests, Chandigarh and SEIAA, Punjab.
- iii) The project proponent shall obtain permission from the CGWA for abstraction of groundwater & digging of bore well(s) and shall not abstract any groundwater without prior written permission of the CGWA, even if any bore well(s) exist at site.
- iv) The project proponent shall comply with the conditions imposed in the CLU obtained vide memo no. 7075 CTP (Pb) SP 432 (M) dated 04.02.2014 and 1149 CTP (PB)/SP-432-(M) dated 04.03.2016.
- v) 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.

## **II. Construction Phase**

- i) The project proponent shall adhere to the commitments made in the Environment Management Plan for the construction phase and Corporate Social Responsibility and shall spend minimum amount of Rs.405 Lacs towards capital investment, Rs.3.0 Lacs/annum towards recurring expenditure and Rs.10 lacs towards CSR activities as proposed in addition to the amount to be spent under the provisions of the Companies Act 1956.

## **III. Operation Phase and Entire Life**

- i)
  - a) The entire cost of the environmental management plan 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 under intimation to SEIAA, Punjab. The project proponent shall spend minimum amount of Rs. 32.0 lacs/ annum recurring expenditure as proposed in the EMP.
  - b) The project proponent shall adhere to the commitments made in the proposal for CSR activities and shall spend a minimum amount of Rs.10 Lacs as proposed.
- ii) The diesel generator sets to be provided shall conform to the provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986. The exhaust pipe of DG set if installed must be minimum 10 m away from the building or in case it is less than 10 m away, the exhaust pipe shall be taken upto 3 m above the building.

**Member Secretary (SEIAA)**

**Endst. No.3414-3421**

**Date 27.09.2016**

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. B.K. Bassi, Project Director
  - b) Contact no. : 094173-48807
  - c) E-mail ID : Jatindermohan1046@gmail.com
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.

**Member Secretary (SEIAA)**

## NOC NBWL

ਪੰਜਾਬ ਸਰਕਾਰ  
 ਵਣ ਅਤੇ ਜੰਗਲੀ ਜੀਵ ਸੁਰੱਖਿਆ ਵਿਭਾਗ, ਪੰਜਾਬ  
 ਦਫ. ਵਣ ਮੈਡਲ ਅਫਸਰ,  
 ਸਾਹਿਬਜ਼ਾਦਾ ਅਜੀਤ ਸਿੰਘ ਨਗਰ।  
 Email ID-dfosasnagar@gmail.com  
 ਫੋਨ ਨੰ. 0172-2298000



ਸੇਵਾ ਵਿਖੇ,

Projec Director,  
 Punjab Cricket Association,  
 Sector-63, Mohali


ਨੰ: ਐਫ.ਸੀ.ਏ./.....709..... ਮਿਤੀ:.....29-04-2016

Subject:- NOC for International Cricket Stadium cum Sports Complex at vill.  
 Tira Distt. S.A.S. Nagar, Punjab.

ਟਵਾਲਾ:- ਆਪ ਦਾ ਪੱਤਰ ਨੰ: Ref/2016/7644 ਮਿਤੀ 05-06-2016.

ਉਪਰੋਕਤ ਵਿਸ਼ੇ 'ਤੇ ਹਵਾਲੇ ਅਧੀਨ ਪੱਤਰ ਸਬੰਧੀ ਵਣ ਰੋਜ਼ ਅਫਸਰ, ਸਾਹਿਬਜ਼ਾਦਾ ਅਜੀਤ ਸਿੰਘ ਨਗਰ ਵੱਲੋਂ ਆਪਣੇ ਪੱਤਰ ਨੰ: 22 ਮਿਤੀ 20-04-2016 ਰਾਹੀਂ International Cricket Stadium cum Sports Complex at vill. Tira Distt. S.A.S. Nagar ਵਿਖੇ ਬਣਾਏ ਜਾਣ ਵਾਲੇ Cricket Stadium ਸਾਈਟ ਦਾ ਮੌਕਾ ਵੇਖ ਕੇ ਇਸ ਦਫਤਰ ਨੂੰ ਰਿਪੋਟ ਕੀਤੀ ਹੈ, ਕਿ ਪਿੰਡ ਤੀੜਾ, ਤਹਿਸੀਲ ਮਾਜਰੀ ਦੇ ਖਸਰਾ ਨੰ. 231/2 (3-1), 20//30/3 (4-4), 32/1(0-9), 32/3 (0-5), 34 (5-7), 24 (8-0), 24//4/1 (0-7), 4/2/2 (3-4), 19//41 (0-6), 40/1 (0-8.60), 30 (0-2.66), 24//5/1/03 (0-3.41), 6//01 (0-7.70), 23//9/1 (0-4.27) ਕੁੱਲ 3.310 ਏਕੜ ਰਕਬੇ ਤੇ ਪੀ.ਐਲ.ਪੀ.ਏ-1900 ਦੀ ਧਾਰਾ 4 ਅਤੇ 5 ਨਹੀਂ ਲੱਗਦੀ ਅਤੇ ਨਾ ਹੀ ਵਣ ਵਿਭਾਗ ਦਾ ਕੋਈ ਵੀ ਰੁੱਖ/ਰਕਬਾ ਪ੍ਰਭਾਵਿਤ ਹੁੰਦਾ।

ਇਸ ਲਈ ਉਪਰੋਕਤ ਵਣ ਰੋਜ਼ ਅਫਸਰ ਦੀ ਰਿਪੋਟ ਨਾਲ ਸਹਿਮਤ ਹੁੰਦੇ ਹੋਏ, ਆਪ ਵੱਲੋਂ ਉਪਰੋਕਤ ਥਾਂ 'ਤੇ International Cricket Stadium cum Sports Complex at vill. Tira Distt. S.A.S. Nagar ਬਣਾਉਣ ਸਬੰਧੀ ਇਸ ਵਿਭਾਗ ਨੂੰ ਕੋਈ ਇਤਰਾਜ਼ ਨਹੀਂ ਹੈ।

  
 ਵਣ ਮੈਡਲ ਅਫਸਰ,  
 ਸਾਹਿਬਜ਼ਾਦਾ ਅਜੀਤ ਸਿੰਘ ਨਗਰ।

**GMADA LETTER**  
**For The Usage of Treated Water for Construction**



**ਗਰੇਟਰ ਮੋਹਾਲੀ ਏਰੀਆ ਡਿਵੈਲਪਮੈਂਟ ਅਥਾਰਿਟੀ**

**ਪੁੱਡਾ ਭਵਨ, ਸੈਕਟਰ - 62, ਐਸ.ਏ.ਐਸ.ਨਗਰ**

ਵੱਲ

M/s Deepak Builders,  
Near Lodhi Club, Shaheed Bhagat Singh Nagar,  
Ludhiana


ਪੱਤਰ ਨੰ: ਗਮਾਡਾ/ਮੰ.ਇੰਜੀ.(ਜਸ-2)/2018/ ੨੧5੨

ਮਿਤੀ: ੨6/1੨/੨੦18

**Sub:-** Supplying of Sewage Treated Water for construction of New International Cricket Stadium at Village Tira (New Chandigarh), S.A.S.Nagar.

**ਰਵਾਲਾ:-** ਆਪ ਵੱਲੋਂ ਪ੍ਰਾਪਤ ਪ੍ਰਤੀ-ਬੇਨਤੀ ਮਿਤੀ 04.12.2018 ਜੋ ਕਿ ਨਿਗਰਾਨ ਇੰਜੀਨੀਅਰ (ਸੀ-1), ਗਮਾਡਾ ਨੂੰ ਸੰਬੰਧਿਤ ਹੈ।

ਆਪ ਵੱਲੋਂ ਦਿੱਤੀ ਗਈ ਪ੍ਰਤੀ-ਬੇਨਤੀ ਤੇ ਵਿਚਾਰ ਕਰਨ ਉਪਰੰਤ ਵਿਸ਼ੇ ਅਧੀਨ ਲਿਖਤ ਪ੍ਰਜੈਕਟ ਤੇ ਉਸਾਰੀ ਲਈ ਟ੍ਰੀਟਡ ਵਾਟਰ ਸੀਵੇਜ਼ ਟ੍ਰੀਟਮੈਂਟ ਪਲਾਂਟ, ਕੁਰਾਲੀ ਅਤੇ ਸੈਕਟਰ-83, ਐਸ.ਏ.ਐਸ.ਨਗਰ ਤੋਂ ਪ੍ਰਾਪਤ ਕਰਨ ਦੀ ਪ੍ਰਵਾਨਗੀ ਦਿੱਤੀ ਜਾਂਦੀ ਹੈ। ਇਸ ਉਤੇ ਆਉਣ ਵਾਲਾ ਖਰਚਾ ਆਪ ਨੂੰ ਸਹਿਣ ਕਰਨਾ ਪਵੇਗਾ, ਗਮਾਡਾ ਦੀ ਇਸ ਪ੍ਰਤੀ ਕਿਸੇ ਕਿਸਮ ਦੀ ਜ਼ਿੰਮੇਵਾਰੀ ਨਹੀਂ ਹੋਵੇਗੀ।


  
ਮੰਡਲ ਇੰਜੀਨੀਅਰ (ਜਸ-2),  
ਗਮਾਡਾ, ਐਸ.ਏ.ਐਸ.ਨਗਰ।

**ਪਿੱਠ ਅੰਕਣ ਨੰ: ਗਮਾਡਾ/ਮੰ.ਇੰਜੀ.(ਜਸ-2)/2018/**

**ਮਿਤੀ:**

ਉਪਰੋਕਤ ਦਾ ਉਤਾਰਾ ਹੇਠ ਲਿਖਿਆਂ ਨੂੰ ਸਮੇਤ ਜਵਾਬ ਦੀ ਕਾਪੀ ਸੂਚਨਾ ਹਿੱਤ ਭੇਜਿਆ ਜਾਂਦਾ ਹੈ:

- 1) ਨਿਗਰਾਨ ਇੰਜੀਨੀਅਰ (ਸੀ-1), ਗਮਾਡਾ ਐਸ.ਏ.ਐਸ.ਨਗਰ।
- 2) ਨਿਗਰਾਨ ਇੰਜੀਨੀਅਰ (ਸੀ-2), ਗਮਾਡਾ ਐਸ.ਏ.ਐਸ.ਨਗਰ।
- 3) ਮੰਡਲ ਇੰਜੀਨੀਅਰ (ਜਸ-1), ਗਮਾਡਾ ਐਸ.ਏ.ਐਸ.ਨਗਰ ਨੂੰ ਭੇਜਦੇ ਹੋਏ ਲਿਖਿਆ ਜਾਂਦਾ ਹੈ ਕਿ ਸਬੰਧਿਤ ਉਪ ਮੰਡਲ ਇੰਜੀਨੀਅਰ ਨੂੰ ਸੀਵੇਜ਼ ਟ੍ਰੀਟਮੈਂਟ ਪਲਾਂਟ ਵਿਖੇ ਮੌਜੂਦ ਸਟਾਫ ਨੂੰ ਟ੍ਰੀਟਡ ਵਾਟਰ ਮੁਹੱਈਆ ਕਰਵਾਉਣ ਲਈ ਹਦਾਇਤ ਦਿੱਤੀ ਜਾਵੇ।
- 4) ਉਪ ਮੰਡਲ ਇੰਜੀਨੀਅਰ (ਜਸ-3), ਦਫ. ਮੰ.ਇੰਜੀ.(ਜਸ-2), ਗਮਾਡਾ ਐਸ.ਏ.ਐਸ.ਨਗਰ ਨੂੰ ਭੇਜਦੇ ਹੋਏ ਲਿਖਿਆ ਜਾਂਦਾ ਹੈ ਕਿ ਸੀਵੇਜ਼ ਟ੍ਰੀਟਮੈਂਟ ਪਲਾਂਟ ਕੁਰਾਲੀ ਵਿਖੇ ਮੌਜੂਦ ਸਟਾਫ ਨੂੰ ਟ੍ਰੀਟਡ ਵਾਟਰ ਮੁਹੱਈਆ ਕਰਵਾਉਣ ਲਈ ਹਦਾਇਤ ਦਿੱਤੀ ਜਾਵੇ।

  
ਮੰਡਲ ਇੰਜੀਨੀਅਰ (ਜਸ-2),  
ਗਮਾਡਾ, ਐਸ.ਏ.ਐਸ.ਨਗਰ।

Treated Water Used for Construction



First Aid Room





Toilet Provided for Labour



## STP Completion Certificate



CIN : U45309DL2017PTC323467

**DEEPAK BUILDERS &**  
**ENGINEERS INDIA PVT. LTD.**

Ref No : \_\_\_\_\_

Date 2/8/23

To,  
 The Project Director,  
 Punjab Cricket Association,  
 PCA Stadium, Mohali.

**Sub: Construction of New International Cricket Stadium Includes Civil, Public Health (Internal & External), Electrical (HT, LT, EI& AC) at Vill. Tira Mullanpur (New Chandigarh).**

**Subject :- Your office allotment letter no 12680 dated 16.01.2017.**

Dear Sir,

This subject cited work was allotted to us vide your office letter no 12680 dated 16.01.2017. It is certified that the work for construction of STP plant has been completed as per specification of BOQ/ DNIT. Now the STP is fully functional complete in all respects.

Thanking you,

Yours faithfully,  
 For Deepak Builders & Engineers India Pvt. Ltd.

For L. S. Dhillon & Associates  
 Chartered Accountants

  
 Auth. Signatory

Stadium Photographs







Office Dispatch No.:

Date:

To

**VINEET TALWAR**  
**HOUSE NO. 289, SECTOR 9, AMBALA**  
**S.A.S NAGAR, MOHALI - 134003**

**Subject:- Grant of "Consent to Establish"(NOC) for an industrial plants u/s 25 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981.**

With reference to your application for obtaining fresh 'Consent to Establish'(NOC) an industrial plants u/s 25 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act,1981, you are, hereby, permitted to establish the industrial plant to discharge the effluent(s) & emission(s) arising out of your premises subject to the Terms and Conditions as specified in this Certificate.

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

PIN	210859675
Application No.:	2312166770
Date of Issue:	18-Mar-2024
Date of Expiry:	16-Mar-2026
Certificate Type:	Fresh
Certificate No:	CTE/Fresh/PBIP/SAS/2024/2312166770

**2. Particulars of the Industry:**

Name & Designation of the Applicant:	Vineet Talwar, (Executive Director)
Name of Business Entity	Punjab Cricket Association
Name of the Project/Unit:	Punjab Cricket Association
Address of Project/Unit:	Village Tira Near Mullanpur New Chandigarh District SAS Nagar Punjab , Kharar , S.A.S Nagar
Capital Investment of the Industry(in lakhs):	14244
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. 2,16,000/- vide PPCB R.No. 67/ 5555 dated 26/02/2024 and Rs. 6,30,000/- vide Transaction Id/Ref No.: 347116059 dated 13.03.2024, against the total cost of the project of Rs. 300 Crore.
Raw Materials (Name with	Development/ Construction of an International Cricket Stadium-Cum-Sports Complex in

quantity per day):	land area of 1,54,589.9 sqm & with built-up area of 74,648 sq.mt, only.
Products (Name with quantity per day):	Development/ Construction of an International Cricket Stadium-Cum-Sports Complex in land area of 1,54,589.9 sqm & with built-up area of 74,648 sq.mt, only.
By Products, if any (Name with quantity per day) :	--
Details of the machinery and processes:	As per application form.
Details of Effluent Treatment Plant:	As per special condition no. 8, 9 & 10.
Mode of disposal of Effluent:	As per special condition no. 11 & 12.
Standard to be achieved under Water(Prevention & Control of Pollution) Act, 1974:	As prescribed by the CPCB/ MoEF&CC/ PPCB, from time to time.
Sources of emissions and type of pollutants:	04 no. DG sets of Capacities 250 KVA x 1, 400 KVA x 1, 625 KVA x 3, 1000 KVA x 1 - SPM, SOx, NOx
Mode of disposal of emissions with stack height:	04 no. DG sets of Capacities 250 KVA x 1, 400 KVA x 1, 625 KVA x 3, 1000 KVA x 1 - canopy alongwith Stack of height as per following formula: $H = h + 0.2 (KVA)^{0.5}$ where h = height of the building in meters where the generator set is installed.
Quantity of fuel required in TPD:	04 no. DG sets of Capacities 250 KVA x 1, 400 KVA x 1, 625 KVA x 3, 1000 KVA x 1 - HSD only.
Type of Air Pollution Control Devices to be installed:	04 no. DG sets of Capacities 250 KVA x 1, 400 KVA x 1, 625 KVA x 3, 1000 KVA x 1 - Canopy Provided with each DG Set.
Standard to be achieved under Air(Prevention & Control of Pollution) Act, 1981:	As prescribed by the CPCB/ MoEF&CC/ PPCB, from time to time.

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



Office Dispatch No.:

Date:

To

**VINEET TALWAR**  
**HOUSE NO. 289, SECTOR 9, AMBALA**  
**S.A.S NAGAR, MOHALI - 134003**

**Subject:- Grant of '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 fresh '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:**

PIN	210859675
Application No.:	2403640463
Date of Issue:	29-Mar-2024
Date of Expiry:	30-Sept-2024
Certificate Type:	Fresh
Certificate No:	CTOA/Fresh/PBIP/SAS/2024/2403640463

**2. Particulars of the Industry:**

Name & Designation of the Applicant:	Vineet Talwar, (Executive Director)
Name of Business Entity	Punjab Cricket Association
Name of the Project/Unit:	Punjab Cricket Association
Address of Project/Unit:	Village Tira, Near Mullanpur, New Chandigarh, District SAS Nagar, Punjab , Kharar , S.A.S Nagar
Capital Investment of the Industry(in lakhs):	14634
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. 432000/- vide N141211510161705 dated 21.05.2021 & now deposited Rs. 720500/- vide PPCB Receipt No. 5555 dated 26.02.2024 under Water (Prevention & Control of Pollution) Act, 1974 and had deposited Rs. 432000/- vide UTR No. N141211510161381 dated 21.05.2021 & now deposited Rs. 720500/- vide PPCB Receipt No. 5555 dated

	26.02.2024, against the cost incurred on the project of Rs. 14634 lacs uptill 08/06/2023.
Raw Materials (Name with quantity per day):	Operation of international cricket stadium-cum-sports complex namely IS Bindra Cricket Stadium in total land area of 1,54,589.9 sqm & with built-up area of 61,499.96 sqm, only.
Products (Name with quantity per day):	Operation of international cricket stadium-cum-sports complex namely IS Bindra Cricket Stadium in total land area of 1,54,589.9 sqm & with built-up area of 61,499.96 sqm, only.
By Products, if any (Name with quantity per day) :	--
Details of the machinery and processes:	As per application form.
Sources of emissions and type of pollutants:	04 no. DG sets of Capacities 250 KVA x 1, 400 KVA x 1, 625 KVA x 3, 1000 KVA x 1 - SPM, SOx, NOx
Mode of disposal of emissions with stack height:	04 no. DG sets of Capacities 250 KVA x 1, 400 KVA x 1, 625 KVA x 3, 1000 KVA x 1 - canopy alongwith Stack of height as per following formula: $H = h + 0.2 (KVA)^{0.5}$ where h = height of the building in meters where the generator set is installed.
Quantity of fuel required in TPD:	04 no. DG sets of Capacities 250 KVA x 1, 400 KVA x 1, 625 KVA x 3, 1000 KVA x 1 - HSD only.
Type of Air Pollution Control Devices to be installed:	04 no. DG sets of Capacities 250 KVA x 1, 400 KVA x 1, 625 KVA x 3, 1000 KVA x 1 - Canopy Provided with each DG Set.
Standard to be achieved under Air(Prevention & Control of Pollution) Act, 1981:	As prescribed by the CPCB/ MoEF&CC/ PPCB, from time to time.

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





Office Dispatch No.:

Date:

To

**VINEET TALWAR**  
**HOUSE NO. 289, SECTOR 9, AMBALA**  
**S.A.S NAGAR, MOHALI - 134003**

**Subject:- Grant of '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 '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:**

PIN	210859675
Application No.:	2403207853
Date of Issue:	29-Mar-2024
Date of Expiry:	30-Sept-2024
Certificate Type:	Fresh
Certificate No:	CTOW/Fresh/PBIP/SAS/2024/2403207853

**2. Particulars of the Industry:**

Name & Designation of the Applicant:	Vineet Talwar, (Executive Director)
Name of Business Entity	Punjab Cricket Association
Name of the Project/Unit:	Punjab Cricket Association
Address of Project/Unit:	Village Tira, Near Mullanpur, New Chandigarh, District SAS Nagar, Punjab , Kharar , S.A.S Nagar
Capital Investment of the Industry(in lakhs):	14634
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. 432000/- vide N141211510161705 dated 21.05.2021 & now deposited Rs. 720500/- vide PPCB Receipt No. 5555 dated 26.02.2024 under Water (Prevention & Control of Pollution) Act, 1974 and had deposited Rs. 432000/- vide UTR No. N141211510161381 dated 21.05.2021 & now deposited Rs. 720500/- vide PPCB Receipt No. 5555 dated

	26.02.2024, against the cost incurred on the project of Rs. 14634 lacs uptill 08/06/2023.
Raw Materials (Name with quantity per day):	Operation of international cricket stadium-cum-sports complex namely IS Bindra Cricket Stadium in total land area of 1,54,589.9 sqm & with built-up area of 61,499.96 sqm, only.
Products (Name with quantity per day):	Operation of international cricket stadium-cum-sports complex namely IS Bindra Cricket Stadium in total land area of 1,54,589.9 sqm & with built-up area of 61,499.96 sqm, only.
By Products, if any (Name with quantity per day) :	--
Details of the machinery and processes:	As per application form.
Details of Effluent Treatment Plant:	As per special condition no. 7.
Mode of disposal of Effluent:	As per special condition no. 8, 9 & 10.
Standard to be achieved under Water(Prevention & Control of Pollution) Act, 1974:	As prescribed by the CPCB/ MoEF&CC/ PPCB, from time to time.

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

## PWRDA Ground Water Permission



PUNJAB WATER REGULATION AND DEVELOPMENT AUTHORITY  
sco 149-152, Sector 17 e, Chandigarh – 160017

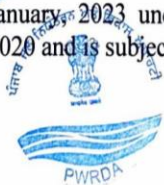
**PERMISSION FOR EXTRACTION OF GROUNDWATER**  
(Under The Punjab Groundwater Extraction And Conservation Directions, 2023)

Unit ID:	Permission Number:	Date of Grant of Permission	Valid up to
1370701647	PWRDA/1/08/2024/L.2/491	29.08.2024	28.08.2027

1	Name of Unit:	New International Cricket Stadium	
2	Activity of Unit:	Others(Sports Stadium)	
3	Address/Location of Unit:	Village Tira, Tehsil SAS Nagar	
		District SAS Nagar	PIN: 140901
4	Assessment Area (Block):	Majri	Status: Green
5	District	SAS Nagar	
6	Head Office Address:	Village Tira, Tehsil SAS Nagar	
		District SAS Nagar	PIN: 140901
	Email	pcanewstadium@gmail.com	gmliasioning@cricketpunjab.in
	Phone/Mobile No.	98784-86289	
7	Project Status:	Existing: 01-06-2018	
8	No. of Existing Tube-Wells	No. of Proposed Tube-Wells	Total Number of Tube-Wells Permitted
		02	00
9	Volume of Ground Water Permitted to be Extracted(m <sup>3</sup> /month)	Fresh	Brackish/Saline
		2490	-

Note: This permission is granted in terms of the Punjab Groundwater Extraction and Conservation Directions, 2023 notified on 27<sup>th</sup> January, 2023 under section 15 of the Punjab Water Resources (Management and Regulation) Act, 2020 and is subject to the conditions given overleaf.

Dated: 29.08.2024  
Place: Chandigarh



  
Executive Engineer  
Punjab Water Regulation and Development Authority  
Chandigarh.

## ANALYSIS REPORTS AMBIENT AIR



**CHANDIGARH POLLUTION  
TESTING LABORATORY**  
(Environmental Monitoring, EIA, NOC, ETP, STP)  
NABET Accredited EIA Consultant



H.O. : #372, Sector 15-A, Chandigarh-160 015  
Phone : 0172-4669295  
Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055  
Phone : 0172-5090312  
E-mail : cptle126@gmail.com ; lab@cptl.co.in  
Website : www.cptl.co.in



### TEST CERTIFICATE

Format No. CPTLF7.8-I(A)

REPORT No. CPTL/E.C/2024/09/66(A)

REPORTING DATE: 01-10-2024

**NAME OF INDUSTRY:** M/s. INTERNATIONAL CRICKET STADIUM CUM SPORTS COMPLEX,  
VILLAGE-TIRA, DISTRICT-SAS NAGAR (MOHALI).

### SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-1	Type of Sample:	Ambient Air
Sampling Method:	CPTL/SM/01	Point of Sample:	Project Site
Date of Sample Collection:	26-09-2024	Environmental Conditions:	Normal
Date of Sample Received in Lab.:	26-09-2024	Analysis Duration:	26-09-2024 to 01-10-2024
Sample Identification No.:	CPTL/E.C/2024/09/66(A)	Sample Collected By:	RS Rana & Team
Nature of Sample:	Air Sample		

### TECHNICAL DATA

1.	Location of Sampling station	Project Site	
2.	Instrument used for Sampling	RDS, FPS& Gaseous Attachment	
3.	Time period for Sampling	480 minutes	
PARAMETERS	RESULTS	AS PER NAAQS- 2009 PRESCRIBED BY CPCB	TEST METHOD
Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>	83.7	100	IS:5182 (P-23): 2006, (RA – 2012)
Particulate Matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup>	36.2	60	IS:5182 (P-24):2019
Nitrogen Dioxide (NO <sub>2</sub> ), µg/m <sup>3</sup>	16.8	80	IS:5182 (P-6): 2006, (RA – 2012)
Sulphur dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	6.5	80	IS:5182 (P-2): 2001, (RA-2012)
Carbon monoxide (CO), mg/m <sup>3</sup>	0.55	4	IS:5182 (P-10): 1999, (RA – 2009)

*[Signature]*  
Chemist In-Charge  
Date: 11/10/24

*[Signature]*  
Sital Singh (CEO)  
(Authorized Signatory)  
Date: 01/10/24

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.
- Sample will be destroyed after retention time unless otherwise specified.

Page 1 of 1

\*\*\*END OF REPORT\*\*\*

# NOISE LEVEL MONITORING REPORT



**CHANDIGARH POLLUTION TESTING LABORATORY**

(Environmental Monitoring, EIA, NOC, ETP, STP)

NABET Accredited EIA Consultant



H.O. : #372, Sector 15-A, Chandigarh-160 015

Phone : 0172-4669295

Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055

Phone : 0172-5090312

E-mail : cptle126@gmail.com ; lab@cptl.co.in

Website : www.cptl.co.in

TC-6728



## TEST CERTIFICATE

REPORT No. CPTL/E.C/2024/09/66(N)

Format No. CPTLF7.8-I(N)

REPORTING DATE: 01-10-2024

**NAME OF INDUSTRY:** M/s. INTERNATIONAL CRICKET STADIUM CUM SPORTS COMPLEX, VILLAGE-TIRA, DISTRICT-SAS NAGAR (MOHALI).

### SAMPLE PARTICULARS

<b>Sampling Plan Ref No.:</b>	CPTLF 7.3-I	<b>Type of Sample:</b>	Air Quality w.r.t Noise
<b>Sampling Method:</b>	CPTL/SM/01	<b>Sampling location:</b>	Different location
<b>Date of Monitoring:</b>	26-09-2024	<b>Environmental Conditions:</b>	Normal
<b>Sample Identification No.:</b>	CPTL/E.C/2024/09/66(N)	<b>Monitoring Done By:</b>	RS Rana & Team
<b>Nature of Sample:</b>	Noise Level Monitoring		

### NOISE LEVEL

S. No.	Sub-Location	Value in dB(A) (Average) Day Time	Test Method
1.	North Side	52.3	IS: 9989:1981(Rev.2002)
2.	South Side	51.6	IS: 9989:1981(Rev.2002)
3.	East Side	52.7	IS: 9989:1981(Rev.2002)
4.	West Side	50.8	IS: 9989:1981(Rev.2002)

*[Signature]*  
Chemist In-Charge

Date: 11/10/24

*[Signature]*  
Sital Singh (CEO)

(Authorized Signatory)

Date: 01/10/2024

- The results are related to test items only.
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# GROUND WATER



**CHANDIGARH POLLUTION TESTING LABORATORY**  
 (Environmental Monitoring, EIA, NOC, ETP, STP)  
 NABET Accredited EIA Consultant



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 Phone : 0172-5090312  
 E-mail : cptle126@gmail.com ; lab@cptl.co.in  
 Website : www.cptl.co.in



## TEST CERTIFICATE

REPORT No. CPTL/E.C/2024/09/66(W)

Format No. CPTLF7.8-1(W)  
 REPORTING DATE: 01-10-2024

NAME OF INDUSTRY: M/s. INTERNATIONAL CRICKET STADIUM CUM SPORTS COMPLEX,  
 VILLAGE-TIRA, DISTRICT-SAS NAGAR (MOHALI).

### SAMPLE PARTICULARS

Date of Sample Collection	26-09-2024
Sample Received in Lab	26-09-2024
Type of Sample	Ground Water (Grab)
Sampling Plan Ref. No.	CPTLF7.3-I
Sampling Method	CPTL/SM/01
Environmental conditions	Normal
Point of Sample Collection	From Borewell
Quantity & Packaging	2.0 liters in Plastic bottle
Sample Identification No.	CPTL/E.C/2024/09/66(W)
Analysis Duration	26-09-2024 to 01-10-2024
Sample Collected By	RS Rana & Team
Visual Observation	Clear and colorless.

### TEST RESULTS

S. No.	Parameters	Results	Acceptable Limit	Permissible Limit	Test Method
1.	pH	7.67	6.5-8.5	No relaxation	IS: 3025 (P-11): 2022
2.	Color, HU	<5	5	15	IS: 3025 (P-4): 2021
3.	Turbidity, NTU	<1	1	5	IS: 3025 (P-10): 1984 (RA-2017)
4.	Total Dissolved Solids, mg/l	337	500	2000	IS: 3025 (P-16): 1999 (RA-2019)
5.	Total Hardness (as CaCO <sub>3</sub> ), mg/l	280	200	600	IS: 3025 (P-21): 2009 (RA-2019)
6.	Calcium (as Ca <sup>++</sup> ), mg/l	40.0	75	200	IS: 3025 (P-40): 2004
7.	Magnesium (as Mg <sup>++</sup> ), mg/l	19.2	30	100	IS: 3025 (P-46): 1994 (RA-2019)
8.	Total Alkalinity (as CaCO <sub>3</sub> ), mg/l	260	200	600	IS: 3025 (P-23): 2006
9.	Chloride (as Cl), mg/l	12.4	250	1000	IS: 3025 (P-32): 1998 (RA-2019)
10.	Sulphate (as SO <sub>4</sub> ), mg/l	18.1	200	400	IS: 3025 (P-24): 2022
11.	Iron (as Fe), mg/l	0.11	0.3	No relaxation	IS: 3025 (P-53): 2003 & C/1, 10 Phenanthroline Method (RA-2019)
12.	Zinc (as Zn), mg/l	ND (DL-0.5)	5	15	IS: 3025 (P-49): 1994 (RA-2019)
13.	Nitrate (as NO <sub>3</sub> ), mg/l	ND (DL-1.0)	45	No relaxation	IS: 3025 (P-34): 2022
14.	Total Chromium ( as Cr), mg/l	ND (DL-0.04)	0.05	No relaxation	IS: 3025 (P-52): 2003 (RA-2019)
15.	Manganese (as Mn), mg/l	ND (DL-0.09)	0.1	0.3	IS: 3025 (P-59): 2006



Sample Received in Lab	26-09-2024
Type of Sample	Ground Water (Grab)
Sample Identification No.	CPTL/E.C/2024/09/66(W)

S. No.	Parameters	Results	Acceptable Limit	Permissible Limit	Test Method
16.	Lead (as Pb), mg/l	ND (DL-0.01)	0.01	No relaxation	IS: 3025 (P-47): 1994 (RA-2019)
17.	Arsenic (as As), mg/l	ND (DL-0.01)	0.01	0.05	IS: 3025 (P-37): 2022
18.	Copper (as Cu), mg/l	ND (DL-0.04)	0.05	1.5	IS: 3025 (P-42): 1992 (RA-2019)
19.	Boron (as B), mg/l	ND (DL-0.1)	0.5	1.0	IS: 3025 (P-57): 2021
20.	Cadmium (as Cd), mg/l	ND (DL-0.001)	0.003	No relaxation	IS: 3025 (P-41):1992 (RA-2019)
21.	Fluoride (as F ), mg/l	ND (DL-0.1)	1.0	1.5	IS: 3025 (P-60): 2008
22.	Free Residual Chlorine (as Cl <sub>2</sub> ), mg/l	ND (DL-0.1)	0.2	1	IS: 3025 (P-26): 2021
23.	Selenium (as Se), mg/l	ND (DL-0.01)	0.01	No relaxation	IS: 3025 (P-56): 2003 (RA-2019)

ND-Not Detected  
DL-Detection Limit

(Chemist In-Charge)  
Date: 17/10/24

Sital Singh (CEO)  
(Authorized Signatory)  
Date: 01/10/2024

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